

## STIC Database Tracking Number:

**To: Natalie Pass**  
**Location: KNX 05 A41**  
**Art Unit: 3686**  
**Date: 08/28/09**  
**Case Serial Number: 09/595660**

**From: Paul Obiniyi**  
**Location: EIC3600**  
**KNX 04 B68/ Rm04 B71**  
**Phone: (571) 272-27734**  
**paul.obiniyi@uspto.gov**

## Search Notes

Dear Examiner Pass:

Please find attached the results of your search for the above-referenced case. The search was conducted in the template files.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Paul

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A.	Dialog .....	3
II.	INVENTOR SEARCH RESULTS FROM DIALOG .....	12
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*\*EIC-Searcher identified “potential references of interest” are selected based upon their apparent relevance to the terms/concepts provided in the examiner’s search request.*

## I. Potential References of Interest

### A. Dialog

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18/3,K/12 (Item 4 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00269555  
BLOOD PRESSURE MONITORING SYSTEM  
DISPOSITIF DE CONTROLE DE PRESSION SANGUINE  
Patent Applicant/Assignee:  
BIOSYSS CORPORATION,  
Inventor(s):  
BARNES Jeffrey T,  
MOORE J Erik,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9417728 A1 19940818  
Application: WO 94US1505 19940214 (PCT/WO US9401505)  
Priority Application: US 9316435 19930211  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 6715  
  
Fulltext Availability:  
Detailed Description  
Claims

Claim  
... blood pressure monitoring system comprising:  
a apparatus for generating a digital blood  
pressure waveform signal **indicative** of  
instantaneous **blood** pressure;  
b) **computer** means for **extracting**  
**blood** pressure  
**parameters** and physiological measurements from  
said digital signal and measuring the height of  
the waveform, signal...

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19/3,K/5 (Item 1 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rights reserved.

12999243 SUPPLIER NUMBER: 68743424 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Glucose monitor begins clinical trials.(Brief Article)  
Medical Laboratory Observer, 32, 12, 11  
Dec, 2000  
DOCUMENT TYPE: Brief Article ISSN: 0580-7247 LANGUAGE: English  
RECORD TYPE: Fulltext

WORD COUNT: 77 LINE COUNT: 00009

TEXT:

...evaluated within a system of care that includes home use of the Diasensor and regular **evaluation** of a **patient's blood** glucose. The **device** automatically transmits glucose readings to a **secure** Web site where they can be viewed by patients' healthcare providers.

19/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rights reserved.

01638893 02-89882  
Real time from the top of the world  
Slezak, Dick  
Telephony v234n21 PP: 34-38 May 25, 1998  
ISSN: 0040-2656 JRNL CODE: TPH  
WORD COUNT: 1147

...TEXT: and analyzed. The information provides real-time medical consultation and will help everyone better understand **human performance** in extreme environments.

During the ascent, the **medical devices** the climbers are **wearing** transmit position and medical information to base camp. The information then is transmitted as data...

---

18/3,K/13 (Item 5 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00114364 \*\*Image available\*\*  
BLOOD FRACTIONATION APPARATUS  
APPAREIL DE FRACTIONNEMENT DU SANG  
Patent Applicant/Assignee:  
BAXTER TRAVENOL LABORATORIES INC,  
Inventor(s):  
BILSTAD Arnold C,  
FOLEY John T,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 8302059 A1 19830623  
Application: WO 82US1641 19821119 (PCT/WO US8201641)  
Priority Application: US 81899 19811215; US 81900 19811215; US 81901 19811215  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AU BE BR CH DE DK FR GB JP SE  
Publication Language: English  
Fulltext Word Count: 19004

Fulltext Availability:  
Detailed Description  
Claims

Claim

... defined in claim 17 wherein said comparison means include a binary adder, and said volume **indicator** means include a display counter for **receiving data** from said **adder**.  
19e A **blood** fractionation **apparatus**  
as  
defined in claim 18 wherein said comparison means include parallel-to-serial signal conversion...

t/ 3,k/ all

18/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rights reserved.

02022136 53604934  
100 top hospitals: Conversations with four captains of industry  
Anonymous  
Health Management Technology v21n5 PP: 46-50 May 2000  
ISSN: 1074-4770 JRNL CODE: CIH  
WORD COUNT: 1654

...TEXT: delivery of care through the use of computerized protocols and best practices; monitoring adverse drug **alerts**, events, and outcomes through **computer alerts**, and **getting clinical information** to clinicians through bedside terminals and at physicians' offices. Also, having a clinical data repository...

18/3,K/10 (Item 2 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2009 WIPO/Thomson. All rights reserved.

00565087 \*\*Image available\*\*  
HEALTH MONITORING AND DIAGNOSTIC DEVICE AND NETWORK-BASED HEALTH ASSESSMENT  
AND MEDICAL RECORDS MAINTENANCE SYSTEM  
DISPOSITIF DE CONTROLE DE L'ETAT DE SANTE ET DE DIAGNOSTIC ET SYSTEME  
D'EVALUATION DE L'ETAT DE SANTE ET D'ACTUALISATION DE DOSSIERS MEDICAUX  
CONSTRUIT EN RESEAU  
Patent Applicant/Assignee:  
LIFESTREAM TECHNOLOGIES INC,  
MAUS Christopher T,  
CONNOLLY Jackson B,  
COAD Craig A,  
COAD Noah M,  
MOODY James L,  
NESBITT Kenn A,  
CLEGG Kenneth D,  
Inventor(s):  
MAUS Christopher T,  
CONNOLLY Jackson B,

COAD Craig A,  
COAD Noah M,  
MOODY James L,  
NESBITT Kenn A,  
CLEGG Kenneth D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200028460 A2 20000518 (WO 0028460)  
Application: WO 99US26521 19991108 (PCT/WO US9926521)  
Priority Application: US 98107704 19981109; US 99144705 19990720

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7478

Fulltext Availability:

Detailed Description

Detailed Description

... relates to health monitoring and diagnostic devices and, more particularly, relates to a hand-held **device** operable for determining **blood** hpid levels from test-strip analyses, **obtaining additional** diagnostic **information** from a **user**, displaying corresponding diagnostic **results**, and storing this data on a secure patient-held data carrier, such as a smartcard...

18/3,K/12 (Item 4 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00269555

BLOOD PRESSURE MONITORING SYSTEM

DISPOSITIF DE CONTROLE DE PRESSION SANGUINE

Patent Applicant/Assignee:

BIOSYSS CORPORATION,

Inventor(s):

BARNES Jeffrey T,

MOORE J Erik,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9417728 A1 19940818  
Application: WO 94US1505 19940214 (PCT/WO US9401505)  
Priority Application: US 9316435 19930211

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 6715

Fulltext Availability:

Detailed Description  
Claims

Claim

... blood pressure monitoring system comprising:  
a apparatus for generating a digital blood pressure waveform signal **indicative** of instantaneous **blood** pressure;  
b) **computer** means for **extracting blood** pressure **parameters** and physiological measurements from said digital signal and measuring the height of the waveform, signal...

23/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0007319406 - Drawing available  
WPI ACC NO: 1995-382058/199549  
XRPX Acc No: N1995-279819  
Medical communication system for remote observation - has wire communication circuit of diagnosing and informing device comprising modem connected to single telephone line which is also used to send instruction signals to medical worker  
Patent Assignee: COLIN CORP (COLI-N)  
Inventor: HARADA C; OKA T; SUZUKI H  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
US 5462051 A 19951031 US 1994298200 A 19940831 199549 B

Priority Applications (no., kind, date): US 1994298200 A 19940831

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5462051	A	EN	22	10		

Alerting Abstract ...A sensor worn on a living body **obtain** physical **information**, e.g. blood pressure, sugar content or oxygen saturation, ECG or body temp. of the...

...representing the physical information. a first device disposed on a side of the living body, **receiving** The physical **information** signal is **received** from the sensor and may be transmitted via a communication channel. A receiver is connected...

...via the communication channel, the physical information signal from the first transmitter. An output device **produces** the physical **information** represented by the physical information signal so that the medical worker **receives** the physical **information**. An input device **receiving** the instruction of the medical worker generates the instruction signal representing the input instruction for...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...medical communication system including (A) a sensor worn on a living body to obtain physical **information** of the body, **and generating** a signal representing **the physical information** ; (B) a first device disposed on a side of the living body, receiving the physical **information signal** from (A) **the** sensor, and including (b1) a first transmitter which transmits the physical information signal via a...

...medical worker directed to the living body and/or an attendant person, and (b3) an **output** device which **outputs the** instruction of the medical worker so that the living body and/or attendant person receives...

...of the medical worker, and including (c1) a second receiver which receives, via the communication **channel**, the physical **information** signal from (b1) the first transmitter, (c2) an output device which outputs the physical information represented by the physical information signal so that **the** medical worker **receives** the physical **information**, (c3) an input **device** which is operable for inputting the instruction of the medical worker and generates the instruction...

Claims:

...for transmitting physical information of a living body to a medical worker, comprising: (A) a **physical information sensor device** including (a1) a **physical information sensor** which is adapted to be **worn on said living body** to **obtain** said **physical information of the living body**, and generates a **physical information signal representing the obtained physical information**, and (a2) a first signal transmitter which transmits said physical information signal at a first output power...

...side of said living body, and includes (b1) a first signal receiver which receives said **physical information signal from** (a2) said first signal transmitter of (A) said physical information sensor **device**, and which **receives** an instruction signal representing an instruction of said medical worker directed to at least one...

...for the living body, (b2) abnormality identifying means for identifying whether said physical information represented **by** said physical **information signal received by** (b1) said first signal receiver is abnormal, (b3) a second signal transmitter which transmits, at a...

...from (B') said monitor unit, and includes (b5) a second signal receiver which receives said **physical information signal from** (b3) said second signal transmitter, (b6) diagnosing means for diagnosing whether said physical information represented **by** said physical **information signal received by** (b5) said second signal receiver is abnormal, (b7) a wire communication circuit including (b7-1) a ...

...signal receiver, said instruction signal and a diagnosis signal representing that said physical information represented **by** said physical **information signal received by** (b5) said second signal receiver has been diagnosed as being abnormal by (b6) said



diagnosing means...

...output device which outputs said physical information of said living body represented by said physical **information** signal **received** by (c1) said fourth signal receiver, so that said medical worker receives the **physical information**, (c3) **an** instruction input device which is operable for inputting said instruction of said medical worker and...

25/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0010356790

WPI ACC NO: 2000-672427/200065

XRPX Acc No: N2000-498551

Determining physical **performance** of **person** involves measuring heart rate and speed while slowly approaching anaerobic threshold, exceeding it in controlled manner

Patent Assignee: SIERZEGA R (SIER-I)

Inventor: SIERZEGA R

Patent Family (2 patents, 21 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2000040151	A1	20000713	WO 1999AT315	A	19991230	200065 B
EP 1059876	A1	20001220	EP 1999964337	A	19991230	200105 E
			WO 1999AT315	A	19991230	

Priority Applications (number, kind, date): AT 19982193 A 19981230

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2000040151 A1 DE 15 1

National Designated States,Original: CA US

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LU MC NL PT SE

EP 1059876 A1 DE PCT Application WO 1999AT315

Based on OPI patent WO 2000040151

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LI LU MC NL PT SE

Determining physical **performance** of **person** involves measuring heart rate and speed while slowly approaching anaerobic threshold, exceeding it in controlled...

Original Titles:

...DETERMINING THE PHYSICAL **PERFORMANCE** OF A **PERSON**

...

...DETERMINING THE PHYSICAL **PERFORMANCE** OF A **PERSON**

Alerting Abstract ...The method involves continuously measuring heart rate and speed of motion using a mobile device **worn** on the **body**. The **device** has an integrated **heart rate** measurement **unit** and a radar unit for determining the speed of motion of the person by slowly...

DESCRIPTION - An INDEPENDENT CLAIM is also included for an arrangement for determining the physical **performance** of a **person**.

...

...USE - For determining the current physical **performance** of a **person** during training

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...heart rate determined in this way and the speed of the person a quantity expressing **the physical performance** of said **person** **is** calculated. The **speed** is detected by a radar device (1) carried by the person by **evaluation** of a Doppler **signal** and together with the heart rate data is analyzed further in a computing unit (3...

...determining the physical performance of persons at a given moment. According to the invention the **person's heart** rate is determined continuously and from the heart rate determined in this way and the speed of the person a quantity expressing the physical **performance** of said **person** is calculated. The speed is detected by a radar device (1) carried by **the person** by **evaluation** of a Doppler signal and together with the heart rate data **is** analyzed **further** in a computing unit (3). The measurements can be carried out anywhere so that the...

Claims:

25/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0006908324 - Drawing available

WPI ACC NO: 1994-303249/199437

XRPX Acc No: N1994-238271

Medical alert distribution system - filters information from in-bound information source, which is manipulated in host computer in accordance with selection and limit parameters from remote subscriber device

Patent Assignee: METRI PLEX INC (METR-N)

Inventor: MILLER J M; MILLER M J; STUTMAN P S

Patent Family (3 patents, 23 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1994020916	A1	19940915	WO 19941B52	A	19940309	199437 B
AU 199462187	A	19940926	AU 199462187	A	19940309	199503 E
US 5576952	A	19961119	US 199328333	A	19930309	199701 E

Priority Applications (no., kind, date): US 199328333 A 19930309

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 1994020916 A1 EN 46

National Designated States,Original: AU BR CA CN JP KR

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE

AU 199462187 A EN Based on OPI patent WO 1994020916

US 5576952 A EN 23 13

Alerting Abstract ...The medical alert distribution system selectively filters **information received** from an inbound **information**

source. Software modules resident in a "limit" software subsystem of a memory (16) of a...

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The present invention relates to a medical alert distribution system which receives medical **information** (e.g. blood **pressure**, blood chemistry test results, **etc.**) from monitoring **units worn** by ambulatory **patients**. **The** system also receives medical selection and **limit parameters** from remote system subscriber units (e.g., a unit accessed by a doctor). The system repeatedly compares the medical **information received form the ambulatory patients to** determine if a selected parameter, as indicated by an asserted in-alert flag, has exceeded the limit **parameters received form the remote subscriber units**. If exceeded, the system sends a message (e.g., via a wireless paging message) to...

...A medical alert distribution system selectively filters **information received** from an inbound **information** source. Software modules **resident in** a "limit" software **subsystem** of a memory of a host computer of the system are organized to interface with...

Claims:

...flag associated with said information record is asserted;</br> means, coupled to said comparing means, for **creating a** selectively filtered message in response to said matched condition, said selectively filtered message including said current value of the **information** record; and</br> (C) means for distributing said selectively filtered message to the authorized user.

15/3,K/18 (Item 2 from file: 73)  
DIALOG(R)File 73: EMBASE  
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0072150490 EMBASE No: 1982141083

Use of a physiologic pharmacokinetic model of glucose homeostasis for assessment of performance requirements for improved insulin therapies  
Sorensen J.T.; Colton K.; Hillman R.S.; Soeldner J.S.

MIT, Cambridge, MA 02139, United States:

CORRESP. AUTHOR/AFFIL: MIT, Cambridge, MA 02139, United States

Diabetes Care ( DIABETES CARE ) (United States) August 2, 1982, 5/3  
(148-157)

CODEN: DICAD ISSN: 0149-5992

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English

...and diabetic individuals to standard intravenous and oral glucose tolerance tests are compared to clinical data.

Reasonable agreement is obtained between predictions of the computer simulations and clinical data for normal individuals.

## II. Inventor Search Results from Dialog

2/3,K/12 (Item 1 from file: 342)  
DIALOG(R)File 342:Patents Citation Index  
(c) 2009 Thomson Reuters. All rts. reserv.

0007146029

WPI ACC NO: 2005-202350/200521

Internet-based human status parameter monitoring apparatus has sensors generating data indicating individual physiological parameters, and microprocessor generating data indicating human status parameter, based on physiological parameter

Patent Assignee: BODYMEDIA INC (BODY-N)

Inventor: **TELLER E; STIVORIC J M; KASABACH C D;**  
**PACIONE C D; MOSS J L; LIDEN C B; MCCORMACK M**

Patent Family (1 patents, 106 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2005016124	A2	20050224	WO 2004US26187	A	20040811	200521 B

Priority Applications (no., kind, date): US 2003638588 A 20030811

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2005016124	A2	EN	68	20		

2/3,K/9 (Item 7 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2009 IFI/CLAIMS(R). All rts. reserv.

11082096 2006-0031102

E/System for detecting, monitoring, and reporting an individual's physiological or contextual status

Inventors: **Stivoric John M** (US); **Teller Eric** (US); **Kasabach Christopher D** (US); **Liden Craig B** (US); **McCormack Margaret A** (US); **Moss John L** (US); **Pacione Christopher D** (US)

Assignee: BodyMedia Inc

Attorney, Agent or Firm: BodyMedia, Inc.;c/o Portfoliop, P.O. Box 52050, Minneapolis, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Date
	US 20060031102	A1	20060209	US 2005247049	20051011
Continuation of:	Pending			US 2000595660	20000616
Priority Applic:				US 2005247049	20051011
				US 2000595660	20000616

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

17465097 BIOSIS NO.: 200300433816

System for monitoring health, wellness and fitness

AUTHOR: **Teller Eric** (Reprint); **Stivoric John M; Kasabach Christopher D; Pacione Christopher D; Moss John L;**

**Liden Craig B; McCormack Margaret A**

AUTHOR ADDRESS: Pittsburgh, PA, USA\*\* USA

JOURNAL: Official Gazette of the United States Patent and Trademark Office

Patents 1273 (2): Aug. 12, 2003 2003

MEDIUM: e-file

PATENT NUMBER: US 6605038 PATENT DATE GRANTED: August 12, 2003 20030812

PATENT CLASSIFICATION: 600-300 PATENT ASSIGNEE: BodyMedia, Inc.

PATENT COUNTRY: USA

ISSN: 0098-1133 \_(ISSN print)

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

2/3,K/3 (Item 1 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

(c) 2009 IFI/CLAIMS(R). All rts. reserv.

12118584 2009-0118590

M/MULTI-SENSOR SYSTEM, DEVICE, AND METHOD FOR DERIVING HUMAN STATUS INFORMATION

Inventors: **KASABACH CHRISTOPHER D** (US); **LIDEN CRAIG B** (US);  
**MCCORMACK MARGARET A** (US); **MOSS JOHN L** (US); **PACIONE CHRISTOPHER D** (US); **STIVORIC J HN M** (US); **TELLER ERIC** (US)

Assignee: Unassigned Or Assigned To Individual

Assignee Code: 68000

Attorney, Agent or Firm: STRATEGIC PATENTS P.C., C/O PORTFOLIOIP, P.O. BOX 52050, MINNEAPOLIS, MN, 55402, US

Publication Number	Kind	Date	Application Number	Date
			US 2000602537	20000623
			US 2003638588	20030811
			US 2000595660	20000616

2/3,K/6 (Item 4 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

(c) 2009 IFI/CLAIMS(R). All rts. reserv.

11837077 2008-0177158

M/SYSTEM FOR DETECTING, MONITORING, AND REPORTING HUMAN STATUS PARAMETERS

Inventors: **Kasabach Christopher D** (US); **Liden Craig B** (US);  
**McCormack Margaret A** (US); **Moss John L** (US); **Pacione Christopher D** (US); **Stivorc John M** (US); **Teller Eric** (US)

Assignee: Unassigned Or Assigned To Individual

Assignee Code: 68000

Attorney, Agent or Firm: STRATEGIC PATENTS P.C., C/O PORTFOLIOIP, P.O. BOX 52050, MINNEAPOLIS, MN, 55402, US

Publication Number	Kind	Date	Application Number	Date
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US 20080177158 A1 20080724 US 2007930405 20071031

Continuation of: Pending US 2000595660 20000616

Priority Applic: US 2007930405 20071031

US 2000595660 20000616

2/3,K/8 (Item 6 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2009 IFI/CLAIMS(R). All rts. reserv.

11274990 2006-0224051

M/Wireless communications device and personal monitor

Inventors: **Kasabach Christopher D** (US); **Liden Craig B** (US);  
**McCormack Margaret A** (US); **Moss John L** (US); **Pacione**  
**Christopher D** (US); **Stivorc John M** (US); **Teller Eric**  
(US)

Assignee: BodyMedia Inc

Attorney, Agent or Firm: BODYMEDIA, INC.;c/o PORTFOLIOIP, P.O. BOX 52050,  
MINNEAPOLIS, MN, 55402, US

Publication Number	Kind	Date	Application Number	Date
US 20060224051	A1	20061005	US 2006434949	20060516
			US 2000602537	20000623
			US 2003638588	20030811
			US 2000595660	20000616

2/3,K/13 (Item 2 from file: 342)  
DIALOG(R)File 342:Patents Citation Index  
(c) 2009 Thomson Reuters. All rts. reserv.

0006089883

WPI ACC NO: 2002-329175/200236

System for detecting, monitoring and reporting human physiological  
information has upper arm sensor device for deriving activity, galvanic  
skin response or heat flow data

Patent Assignee: BODYMEDIA INC (BODY-N); STIVORIC J M (STIV-I); KASABACH  
C D (KASA-I); PACIONE C D (PACI-I); MOSS J L (MOSS-I); LIDEN C B  
(LIDE-I); MCCORMACK M A (MCCO-I); TELLER E (TELL-I); STIVORIC J H M  
(STIV-I)

Inventor: **KASABACH C D**; **KASABACH C**; KASABACH D; LIDEN B;  
**LIDEN C B**; **LIDEN C**; MCCORMACK A; **MCCORMACK M A**;  
**MCCORMACK M**; **MOSS J L**; **MOSS J**; MOSS L; **PACIONE C**  
**D**; **PACIONE C**; PACIONE D; **STIVORIC J H M**; **STIVORIC J**  
**M**; **STIVORIC J**; STIVORIC M; **TELLER E**

Patent Family (21 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2002000111	A1	20020103	WO 2001US20014	A	20010622	200236 B
AU 200170092	A	20020108	AU 200170092	A	20010622	200236 E

2/3,K/14 (Item 3 from file: 342)  
DIALOG(R)File 342:Patents Citation Index  
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0006057031

WPI ACC NO: 2002-256955/200230

Human physiological information detecting, monitoring and reporting system

using internet, transmits analytical status data generated from detected physiological parameters to user

Patent Assignee: BODYMEDIA INC (BODY-N); TELLER E (TELL-I); STIVORIC J M (STIV-I); KASABACH C D (KASA-I); PACIONE C D (PACI-I); MOSS J L (MOSS-I); LIDEN C B (LIDE-I); MCCORMACK M A (MCCO-I)

Inventor: **KASABACH C D**; KASABACH D; LIDEN B; **LIDEN C B**; **MCCORMACK M A**; **MOSS J L**; MOSS L; **PACIONE C D**; PACIONE D; **STIVORIC J M**; STIVORIC M; **TELLER E**

Patent Family (18 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001096986	A2	20011220	WO 2001US40958	A	20010613	200230 B
AU 200167083	A	20011224	AU 200167083	A	20010613	200231 E
Based on OPI patent WO 2001096986						
US 20080177158	A1	EN	Continuation of application US 2000595660			
KR 831036	B1	KO	Application WO 2001US40958			
Based on OPI patent WO 2001096986						
Previously issued patent KR 2003015281						

2/3,K/26 (Item 1 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

8046747

UTILITY

MULTI-SENSOR SYSTEM, DEVICE, AND METHOD FOR DERIVING HUMAN STATUS INFORMATION

Inventor: **TELLER, ERIC C**, PITTSBURGH, PA, US  
**STIVORIC, J. HN M.**, PITTSBURGH, PA, US  
**KASABACH, CHRISTOPHER D.**, PITTSBURGH, PA, US  
**PACIONE, CHRISTOPHER D.**, PITTSBURGH, PA, US  
**MOSS, JOHN L.**, MONROEVILLE, PA, US  
**LIDEN, CRAIG B.**, SEWICKLEY, PA, US  
**MCCORMACK, MARGARET A.**, PITTSBURGH, PA, US

Assignee: Unassigned

Correspondence Address: STRATEGIC PATENTS P.C., C/O PORTFOLIOIP, P.O. BOX 52050, MINNEAPOLIS, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20090118590	A1	20090507	US 2007925902	20071027
Continuation	PENDING			US 2003638588	20030811
Continuation	US 6605038	A		US 2000602537	20000623
C					

2/3,K/27 (Item 2 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

7648747

UTILITY

MULTI-SENSOR SYSTEM, DEVICE, AND METHOD FOR DERIVING HUMAN STATUS

INFORMATION

Inventor: **Teller, Eric**, Pittsburgh, PA, US  
**Stivoric, John M.**, Pittsburgh, PA, US  
**Kasabach, Christopher D.**, Pittsburgh, PA, US  
**Pacione, Christopher D.**, Pittsburgh, PA, US  
**Moss, John L.**, Monroeville, PA, US  
**Liden, Craig B.**, Sewickley, PA, US  
**McCormack, Margaret A.**, Pittsburgh, PA, US

Assignee: Unassigned

Correspondence Address: STRATEGIC PATENTS P.C., C/O PORTFOLIOIP, P.O. BOX  
52050, MINNEAPOLIS, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20080183052	A1	20080731	US 2007925906	20071027
Continuation	PENDING			US 2003638588	20030811
Continuation	US 6605038	A		US 2000602537	20000623
CIP	PENDING			US 2000595660	20000616

2/3,K/28 (Item 3 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

7648746

UTILITY

MULTI-SENSOR SYSTEM, DEVICE, AND METHOD FOR DERIVING HUMAN STATUS  
INFORMATION

Inventor: **Teller, Eric**, Pittsburgh, PA, US  
**Stivoric, John M.**, Pittsburgh, PA, US  
**Kasabach, Christopher D.**, Pittsburgh, PA, US  
**Pacione, Christopher D.**, Pittsburgh, PA, US  
**Moss, John L.**, Monroeville, PA, US  
**Liden, Craig B.**, Sewickley, PA, US  
**McCormack, Margaret A.**, Pittsburgh, PA, US

Assignee: Unassigned

Correspondence Address: STRATEGIC PATENTS P.C., C/O PORTFOLIOIP, P.O. BOX  
52050, MINNEAPOLIS, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20080183051	A1	20080731	US 2007925903	20071027
Continuation	PENDING			US 2003638588	20030811
Continuation	US 6605038	A		US 2000602537	20000623
CIP	PENDING			US 2000595660	20000616

2/3,K/29 (Item 4 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

7639995

UTILITY

SYSTEM FOR DETECTING, MONITORING, AND REPORTING HUMAN STATUS PARAMETERS



Inventor: **Teller, Eric**, Pittsburgh, PA, US  
**Stivoric, John M.**, Pittsburgh, PA, US  
**Kasabach, Christopher D.**, Pittsburgh, PA, US  
**Pacione, Christopher D.**, Pittsburgh, PA, US  
**Moss, John L.**, Monroeville, PA, US  
**Liden, Craig B.**, Sewickley, PA, US  
**McCormack, Margaret A.**, Pittsburgh, PA, US

Assignee: Unassigned

Correspondence Address: STRATEGIC PATENTS P.C., C/O PORTFOLIOIP, P.O. BOX  
52050, MINNEAPOLIS, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20080177158	A1	20080724	US 2007930405	20071031

2/3,K/30 (Item 5 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

7631458

UTILITY

MULTI-SENSOR SYSTEM, DEVICE, AND METHOD FOR DERIVING HUMAN STATUS  
INFORMATION

Inventor: **Teller, Eric**, Pittsburgh, PA, US  
**Stivoric, John M.**, Pittsburgh, PA, US  
**Kasabach, Christopher D.**, Pittsburgh, PA, US  
**Pacione, Christopher D.**, Pittsburgh, PA, US  
**Moss, John L.**, Monroeville, PA, US  
**Liden, Craig B.**, Sewickley, PA, US  
**McCormack, Margaret A.**, Pittsburgh, PA, US

Assignee: Unassigned

Correspondence Address: STRATEGIC PATENTS P.C., C/O PORTFOLIOIP, P.O. BOX  
52050, MINNEAPOLIS, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20080171918	A1	20080717	US 2007925908	20071027
Continuation	PENDING			US 2003638588	20030811
Continuation	US 6605038	A		US 2000602537	20000623
CIP	PENDING			US 2000595660	20000616

2/3,K/31 (Item 6 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

6759394 \*\*IMAGE Available

UTILITY

Wireless communications device and personal monitor

Inventor: **Teller, Eric**, Pittsburgh, PA, US  
**Stivoric, John M.**, Pittsburgh, PA, US  
**Kasabach, Christopher D.**, Pittsburgh, PA, US  
**Pacione, Christopher D.**, Pittsburgh, PA, US  
**Moss, John L.**, Monroeville, PA, US  
**Liden, Craig B.**, Sewickley, PA, US  
**McCormack, Margaret A.**, Pittsburgh, PA, US

Assignee: BodyMedia, Inc., (02)  
Correspondence Address: BODYMEDIA, INC.;c/o PORTFOLIOIP, P.O. BOX 52050,  
MINNEAPOLIS, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20060224051	A1	20061005	US 2006434949	20060516
Continuation	PENDING			US 2003638588	20030811
Continuation	US 6605038			US 2000602537	20000623
CIP	PENDING			US 2000595660	20000616

2/3,K/32 (Item 7 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

6430028 \*\* IMAGE Available  
Derwent Accession: 2002-256955  
UTILITY

System for detecting, monitoring, and reporting an individual's  
physiological or contextual status

Inventor: **Teller, Eric**, Pittsburgh, PA, US  
**Stivoric, John M.**, Pittsburgh, PA, US  
**Kasabach, Christopher D.**, Pittsburgh, PA, US  
**Pacione, Christopher D.**, Pittsburgh, PA, US  
**Moss, John L.**, Monroeville, PA, US  
**Liden, Craig B.**, Sewickley, PA, US  
**McCormack, Margaret A.**, Pittsburgh, PA, US

Assignee: BodyMedia, Inc., (02)  
Correspondence Address: BodyMedia, Inc.;c/o PortfoliolIP, P.O. Box 52050,  
Minneapolis, MN, 55402, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20060031102	A1	20060209	US 2005247049	20051011
Continuation	PENDING			US 2000595660	20000616

2/3,K/33 (Item 8 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

0005543853 \*\* IMAGE Available  
Derwent Accession: 2002-329175  
System for monitoring health, wellness and fitness

Inventor: **Teller, Eric**, INV  
**Stivoric, John**, INV  
**Kasabach, Christopher**, INV  
**Pacione, Christopher**, INV  
**Moss, John**, INV  
**Liden, Craig**, INV  
**McCormack, Margaret**, INV

Correspondence Address: Philip E. Levy, Esq. Metz Schermer & Lewis, LLC,  
18th Floor 11 Stanwix St., Pittsburgh, PA, 15222, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20040034289	A1	20040219	US 2003638588	20030811
Continuation	US 6605038			US 2000602537	20000623
CIP	PENDING			US 2000595660	20000616

2/3,K/34 (Item 9 from file: 654)  
DIALOG(R)File 654:US PAT.FULL.  
(c) Format only 2009 Dialog. All rts. reserv.

5323977 \*\* IMAGE Available  
Derwent Accession: 2002-329175  
Utility  
REASSIGNED, CERTIFICATE OF CORRECTION  
M/ System for monitoring health, wellness and fitness  
Inventor: **Teller, Eric**, Pittsburgh, PA  
**Stivoric, John M.**, Pittsburgh, PA  
**Kasabach, Christopher D.**, Pittsburgh, PA  
**Pacione, Christopher D.**, Pittsburgh, PA  
**Moss, John L.**, Monroeville, PA  
**Liden, Craig B.**, Sewickley, PA  
**McCormack, Margaret A.**, Pittsburgh, PA  
Assignee: BodyMedia, Inc.(02), Pittsburgh, PA  
BodyMedia Inc  
Examiner: Hindenburg, Max F. (Art Unit: 376)  
Assistant Examiner: Astorino, Michael C  
Law Firm: Metz Lewis LLC  
Combined Principal Attorneys: Levy, Philip E.; Friedman, Barry I.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6605038	A	20030812	US 2000602537	20000623
CIP	Pending			US 2000595660	20000616

### III. Text Search Results from Dialogl

#### A. Full-Text Databases

##### show files

File 15:ABI/Inform(R) 1971-2009/Aug 29  
(c) 2009 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2009/Aug 31  
(c) 2009 Gale/Cengage  
File 610:Business Wire 1999-2009/Aug 31  
(c) 2009 Business Wire.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 275:Gale Group Computer DB(TM) 1983-2009/Jul 31  
(c) 2009 Gale/Cengage  
File 624:McGraw-Hill Publications 1985-2009/Aug 31  
(c) 2009 McGraw-Hill Co. Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2009/Jul 23  
(c) 2009 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2009/Aug 06  
(c) 2009 Gale/Cengage

File 613:PR Newswire 1999-2009/Aug 31  
(c) 2009 PR Newswire Association Inc

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2009/Aug 06  
(c) 2009 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 634:San Jose Mercury Jun 1985-2009/Aug 25  
(c) 2009 San Jose Mercury News

File 148:Gale Group Trade & Industry DB 1976-2009/Aug 13  
(c) 2009 Gale/Cengage

File 20:Dialog Global Reporter 1997-2009/Aug 31  
(c) 2009 Dialog

File 348:EUROPEAN PATENTS 1978-200935  
(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB= 20090820|UT= 20090709  
(c) 2009 WIPO/Thomson

File 149:TGG Health&Wellness DB(SM) 1976-2009/Aug W1  
(c) 2009 Gale/Cengage

File 444:New England Journal of Med. 1985-2009/Aug W4  
(c) 2009 Mass. Med. Soc.

File 129:PHIND(Archival) 1980-2009/Jul W3  
(c) 2009 Informa UK Ltd

File 130:PHIND(Daily & Current) 2009/Aug 27  
(c) 2009 Informa UK Ltd

File 455:Drug News & Perspectives 1992-2005/Aug  
(c) 2005 Prous Science

File 625:American Banker Publications 1981-2008/Jun 26  
(c) 2008 American Banker

File 637:Journal of Commerce 1986-2009/Oct 06  
(c) 2009 UBM Global Trade

File 635:Business Dateline(R) 1985-2009/Aug 29  
(c) 2009 ProQuest Info&Learning

File 570:Gale Group MARS(R) 1984-2009/Aug 06  
(c) 2009 Gale/Cengage

File 47:Gale Group Magazine DB(TM) 1959-2009/Aug 18  
(c) 2009 Gale/Cengage

File 268:Banking Info Source 1981-2009/Aug W4  
(c) 2009 ProQuest Info&Learning

File 626:Bond Buyer Full Text 1981-2008/Jul 07  
(c) 2008 Bond Buyer

File 267:Finance & Banking Newsletters 2008/Sep 29  
(c) 2008 Dialog

File 608:MCT Information Svc. 1992-2009/Aug 31  
(c) 2009 MCT Information Svc.

? ds

Set	Items	Description
S1	8411705	(MAK??? OR GENERAT? OR CREAT? OR PRODUC? OR BUILD? OR DEVELOP? OR FORM???) (3N) (PARAMETER? ? OR INFORMATION OR INFO OR DATA OR QUANTITATIVE() (STATUS OR SITUATION))
S2	4918560	(GET? ? OR GETTING OR RECEIV??? OR PULL??? OR EXTRACT??? OR RETRIEV??? OR OBTAIN???) (3N) (PARAMETER? ? OR INFORMATION OR

INFO OR DATA OR QUANTITATIVE() (STATUS OR SITUATION))

S3 1847733 (S1 OR S2)(5N)(COMPUT? OR CALCULAT? OR ADD? OR SUM? OR EST-  
IMAT? OR ASSESS?)

S4 23828 S3(7N)(SPECIFY??? OR SPECIFIE? ? OR DESIGNAT??? OR INDICAT-  
??? OR STIPULAT??? OR SHOWING OR NOTIF? OR PROMPT? OR ALERT?)

S5 1960559 (PEOPLE OR INDIVIDUAL? ? OR HUMAN OR PERSON OR PERSONNEL OR  
WIFE?? OR GIRL?? OR LAD??? OR WOMEN OR MEN OR HUSBAND OR FRI-  
END? ? OR ELDERLY OR USER? ? OR PATIENT? ?)(3N) (PERFORMANCE?  
? OR PERFORM??? OR EVALUATION OR RESULT? ? OR OUTCOME OR OUTP-  
UT? ? OR OUT() (PUT? ? OR COME) OR FEEDBACK OR FEED()BACK OR -  
RESULT? ? OR RESPOND??? OR RESPONSE? ?)

S6 1036025 (PHYSIOLOGY? OR MEDICAL? OR QUANTATIVE OR CLINICAL OR PHYS-  
ICAL OR BLOOD OR CHOLESTEROL OR HDL OR LDL OR RBC OR WBC OR H-  
EARTRATE OR EKG OR ECG OR HEART() RATE)(3N)(GADGET? ? OR DEVIC-  
E? ? OR UNIT? ? OR DEVICE? ? OR MACHINE? ? OR COMPUTER? ? OR  
GIZMO OR CONTRAPTION OR APPT OR APPARATUS)

S7 24532 S6(7N)(WEARABLE OR WORN OR WEAR??? OR CLAMP??? OR GRASP???  
OR HOLD??? OR SECUR??? OR RETAIN??? OR FASTEN??? OR AFFIX??? -  
OR HOOK??? OR CLASP??? OR CLIP? ? OR CLIPP??? OR SNAPP???)

S8 673 S7(3N)(BODY OR HUMAN OR INDIVIDUAL OR PERSON)

S9 332 S7(3N)(WAIST OR HIPS OR ABDOMEN OR BUTTOCKS OR TORSO OR ARM  
OR ARMS OR WRIST? ? OR FOREARM? ? OR FINGER? ? OR THUMB? ? OR  
HAND OR HANDS OR LEG OR LEGS OR THIGH? ? OR LIMB? ? OR PALM?  
?)

S10 2115 S3(7N)S5

S11 13 S10(7N)S6

S12 1 S11(10N)S7

S13 1 S5(7N)S9

S14 1 S5(7N)S8

S15 41 S5(10N)S7

S16 35 S4(7N)S6

S17 45 S11 OR S12 OR S13 OR S14 OR S16

S18 14 S17 NOT PY>2000

S19 9 S15 NOT PY>2000

?

t/ 3,k/ all

18/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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02022136 53604934  
100 top hospitals: Conversations with four captains of industry  
Anonymous  
Health Management Technology v21n5 PP: 46-50 May 2000  
ISSN: 1074-4770 JRNLCODE: CIH  
WORD COUNT: 1654

...TEXT: delivery of care through the use of computerized protocols and  
best practices; monitoring adverse drug **alerts**, events,  
and outcomes through **computer alerts**,  
and **getting clinical**  
**information** to clinicians through bedside terminals and  
at physicians' offices. Also, having a clinical data repository...

---

18/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rights reserved.

00922898 95-72290  
Converting a QA program to CQI  
D Aquila, Nancy Welch; Habegger, Donna; Willwerth, Edward J  
Nursing Management v25n10 PP: 68-71 Oct 1994  
ISSN: 0744-6314 JRNL CODE: NSM  
WORD COUNT: 1539

...TEXT: gathered. Part of what made the plan successful was its flexibility. It was easy to **add**, delete and sort comparative **parameter** as necessary.

#### DEVELOPMENT OF UNIT-SPECIFIC CLINICAL INDICATORS

**Clinical indicators** reflected the quality of care delivered by each unit. These indicators were generally disease specific...

---

18/3,K/4 (Item 1 from file: 636)  
DIALOG(R)File 636: Gale Group Newsletter DB(TM)  
(c) 2009 Gale/Cengage. All rights reserved.

02963667 Supplier Number: 46038093 (USE FORMAT 7 FOR FULLTEXT)  
Dr Kessler Responds To Allegations Of Retaliation  
Biomedical Market Newsletter, v6, n1, pN/A  
Jan 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Refereed; Trade  
Word Count: 3969

... clinical trials, in which results observed in patients getting a treatment are compared to the **results** in similar **patients** receiving a different treatment, are best for **obtaining** safety and efficacy **data** that will allow **assessment** of the role of a new **medical device** in clinic practice.

In closing, I want to summarize how I now come to view...

---

18/3,K/9 (Item 1 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00569858 \*\*Image available\*\*  
MEDICAL NETWORK SYSTEM AND METHOD FOR TRANSFER OF INFORMATION  
SYSTEME DE RESEAU MEDICAL ET PROCEDE DE TRANSFERT D'INFORMATIONS  
Patent Applicant/Assignee:

NEXSYS ELECTRONICS, 667 Folsom Street, San Francisco, CA 94107, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Inventor(s):

KILLCOMMONS Peter M,  
FOARD Lawrence IV,

Patent Applicant/Inventor:

KILLCOMMONS Peter M, 132 Beaumont, San Francisco, CA 94107, US, US  
(Residence), US (Nationality), (Designated only for: US)  
FOARD Lawrence IV, 43 Vicksburg Lane, San Francisco, CA 94114, US, US  
(Residence), -- (Nationality), (Designated only for: US)

Legal Representative:

FAHMI Tarek N (et al) (agent), Blakely, Sokoloff, Taylor & Zafman  
LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033231 A2-A3 20000608 (WO 0033231)  
Application: WO 99US28085 19991123 (PCT/WO US9928085)  
Priority Application: US 98199611 19981125

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12989

Fulltext Availability:

Detailed Description  
Claims

Claim

... transfer system of claim 35, wherein the server further comprises a  
mailing list of users **designed** to automatically  
**receive** the new **medical**  
**data**.

37 A **computer** readable medium having stored therein a  
plurality of sequences of instructions, which, when executed by...

---

18/3,K/10 (Item 2 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00565087 \*\*Image available\*\*

HEALTH MONITORING AND DIAGNOSTIC DEVICE AND NETWORK-BASED HEALTH ASSESSMENT  
AND MEDICAL RECORDS MAINTENANCE SYSTEM

DISPOSITIF DE CONTROLE DE L'ETAT DE SANTE ET DE DIAGNOSTIC ET SYSTEME  
D'EVALUATION DE L'ETAT DE SANTE ET D'ACTUALISATION DE DOSSIERS MEDICAUX  
CONSTRUIT EN RESEAU

Patent Applicant/Assignee:

LIFESTREAM TECHNOLOGIES INC,

MAUS Christopher T,  
CONNOLLY Jackson B,  
COAD Craig A,  
COAD Noah M,  
MOODY James L,  
NESBITT Kenn A,  
CLEGG Kenneth D,

Inventor(s):

MAUS Christopher T,  
CONNOLLY Jackson B,  
COAD Craig A,  
COAD Noah M,  
MOODY James L,  
NESBITT Kenn A,  
CLEGG Kenneth D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200028460 A2 20000518 (WO 0028460)  
Application: WO 99US26521 19991108 (PCT/WO US9926521)  
Priority Application: US 98107704 19981109; US 99144705 19990720

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Fulltext Word Count: 7478

Fulltext Availability:

Detailed Description

Detailed Description

... relates to health monitoring and diagnostic devices and, more particularly, relates to a hand-held **device** operable for determining **blood** hpid levels from test-strip analyses, **obtaining additional** diagnostic **information** from a **user**, displaying corresponding diagnostic **results**, and storing this data on a secure patient-held data carrier, such as a smartcard...

---

18/3,K/11 (Item 3 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00483530

A PACKET-BASED TELEMEDICINE SYSTEM FOR COMMUNICATING INFORMATION BETWEEN  
CENTRAL MONITORING STATIONS AND REMOTE PATIENT MONITORING STATIONS  
SYSTEME DE TELEMEDICINE EN MODE PAQUET PERMETTANT LA COMMUNICATION  
D'INFORMATIONS ENTRE UNE STATION DE SURVEILLANCE CENTRALE ET DES  
STATIONS DE SURVEILLANCE DE PATIENTS A DISTANCE

Patent Applicant/Assignee:

GEORGIA TECH RESEARCH CORPORATION,

Inventor(s):

PEIFER John W,  
HOPPER Andrew,  
BURROW Michael,  
SUDDUTH Barry,  
PANCHAL Samir,  
QUAY Andrew,



PRICE W Edward,  
SEARLE John R,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9914882 A2 19990325  
Application: WO 98US19636 19980918 (PCT/WO US9819636)  
Priority Application: US 97933388 19970919  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
CA CN JP KR MX AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 6308

Fulltext Availability:  
Detailed Description

Detailed Description  
... interface 24 decodes the address and enables the selected serial port  
corresponding to the requested **medical**  
**device**, as **indicated** by block 38.  
The selected serial port **receives** the  
**data** from the **address**/data bus 27,  
as **indicated** by block 39. The intended  
**medical device** then receives the  
data from medical device interface 24 over the selected serial port (not  
...  
.....

18/3,K/12 (Item 4 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00269555  
BLOOD PRESSURE MONITORING SYSTEM  
DISPOSITIF DE CONTROLE DE PRESSION SANGUINE  
Patent Applicant/Assignee:  
BIOSYSS CORPORATION,  
Inventor(s):  
BARNES Jeffrey T,  
MOORE J Erik,

Patent and Priority Information (Country, Number, Date):  
Patent: WO 9417728 A1 19940818  
Application: WO 94US1505 19940214 (PCT/WO US9401505)  
Priority Application: US 9316435 19930211  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 6715

Fulltext Availability:  
Detailed Description  
Claims

Claim  
... blood pressure monitoring system comprising:  
a apparatus for generating a digital blood  
pressure waveform signal **indicative** of

instantaneous **blood** pressure;  
b) **computer** means for **extracting**  
**blood** pressure  
**parameters** and physiological measurements from  
said digital signal and measuring the height of  
the waveform, signal...

---

18/3,K/13 (Item 5 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2009 WIPO/Thomson. All rights reserved.

00114364 \*\* Image available\*\*  
BLOOD FRACTIONATION APPARATUS  
APPAREIL DE FRACTIONNEMENT DU SANG  
Patent Applicant/Assignee:  
BAXTER TRAVENOL LABORATORIES INC,  
Inventor(s):  
BILSTAD Arnold C,  
FOLEY John T,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 8302059 A1 19830623  
Application: WO 82US1641 19821119 (PCT/WO US8201641)  
Priority Application: US 81899 19811215; US 81900 19811215; US 81901  
19811215  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AU BE BR CH DE DK FR GB JP SE  
Publication Language: English  
Fulltext Word Count: 19004  
  
Fulltext Availability:  
Detailed Description  
Claims

Claim  
... defined in claim 17 wherein said comparison means  
include a binary adder, and said volume **indicator**  
means include a display counter for **receiving**  
**data**  
from said **adder**.  
19e A **blood** fractionation **apparatus**  
as  
defined in claim 18 wherein said comparison means  
include parallel-to-serial signal conversion...

---

18/3,K/14 (Item 1 from file: 129)  
DIALOG(R)File 129: PHIND(Archival)  
(c) 2009 Informa UK Ltd. All rights reserved.

00008795  
Two more bifocal contacts near  
Clinica 47 p13, August 06, 1982 (19820806)  
WORD COUNT: 173

...Ciba Vision  
Care's Bisoft (tefilcon) Hydrophilic Contact Bifocal Lenses.  
According to the Bureau of **Medical  
Devices'** summary of safety and  
effectiveness **data** on this **product**,  
**obtained** by Clinica, it is  
**indicated** 'for daily wear use by non-aphakic presbyopic  
persons  
with non-diseased eyes who have...

t/ 3,k/ all

19/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rights reserved.

01638893 02-89882  
Real time from the top of the world  
Slezak, Dick  
Telephony v234n21 PP: 34-38 May 25, 1998  
ISSN: 0040-2656 JRNL CODE: TPH  
WORD COUNT: 1147

...TEXT: and analyzed. The information provides real-time medical  
consultation and will help everyone better understand  
**human performance** in extreme  
environments.

During the ascent, the **medical  
devices** the climbers are **wearing**  
transmit position and medical information to base camp. The information  
then is transmitted as data...

---

19/3,K/5 (Item 1 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rights reserved.

12999243 SUPPLIER NUMBER: 68743424 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Glucose monitor begins clinical trials.(Brief Article)  
Medical Laboratory Observer, 32, 12, 11  
Dec, 2000  
DOCUMENT TYPE: Brief Article ISSN: 0580-7247 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 77 LINE COUNT: 00009

TEXT:

...evaluated within a system of care that includes home use of the  
Diasensor and regular **evaluation** of a  
**patient's blood** glucose. The  
**device** automatically transmits glucose readings to a  
**secure Web** site where they can be viewed by patients'  
healthcare providers.

---

19/3,K/9 (Item 3 from file: 348)  
DIALOG(R)File 348: EUROPEAN PATENTS  
(c) 2009 European Patent Office. All rights reserved.

00245848

Electronic device for authenticating and verifying disposable elements.  
Elektronisches Gerat zum Erkennen und Uberprufen von Elementen zum  
einmaligen Gebrauch.

Dispositif electronique pour l'authentification et le controle d'elements a  
usage unique.

PATENT ASSIGNEE:

McNeilab, Inc., (203601), , Spring House Pennsylvania, (US), (applicant  
designated states: AT;BE;DE;ES;FR;GB;IT;SE)

INVENTOR:

King, Martin J., 12400 91st Avenue North, Seminole Florida 33542, (US)  
Troutner, Vernon H., 6221 58th Avenue North, St. Petersburg Florida 33709  
, (US)

LEGAL REPRESENTATIVE:

Jones, Alan John et al (32391), CARPMAELS & RANSFORD 43 Bloomsbury  
Square, London, WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 236079 A2 870909 (Basic)

EP 236079 A3 880810

EP 236079 B1 921119

APPLICATION (CC, No, Date): EP 87301716 870226;

PRIORITY (CC, No, Date): US 834293 860227

DESIGNATED STATES: AT; BE; DE; ES; FR; GB; IT; SE

INTERNATIONAL PATENT CLASS (V7): A61M-001/36; G06F-015/42;

ABSTRACT WORD COUNT: 56

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS B	(English)	EPBBF1	354
----------	-----------	--------	-----

CLAIMS B	(German)	EPBBF1	338
----------	----------	--------	-----

CLAIMS B	(French)	EPBBF1	377
----------	----------	--------	-----

SPEC B	(English)	EPBBF1	3122
--------	-----------	--------	------

Total word count - document A	0
-------------------------------	---

Total word count - document B	4191
-------------------------------	------

Total word count - documents A + B	4191
------------------------------------	------

...SPECIFICATION understood that the instant invention is not so limited.

The operation of the device and **performance** of the

**methods can** be divided

**into** two basic phases or modes. The first

**phase** occurs when the patient is connected to the  
treatment apparatus by venipuncture or the like...

## **IV. Text Search Results from Dialog II**

### **A. Full-Text Databases**

**? show files**

File 5:Biosis Previews(R) 1926-2009/Aug W5

(c) 2009 The Thomson Corporation  
File 6:NTIS 1964-2009/Sep W1  
(c) 2009 NTIS, Intl Cpyrght All Rights Res  
File 8:EI Compendex(R) 1884-2009/Aug W3  
(c) 2009 Elsevier Eng. Info. Inc.  
File 24:CSA Life Sciences Abstracts 1966-2009/Sep  
(c) 2009 CSA.  
File 34:SciSearch(R) Cited Ref Sci 1990-2009/Aug W4  
(c) 2009 The Thomson Corp  
File 45:EMCare 2009/Aug W4  
(c) 2009 Elsevier B.V.  
File 65:Inside Conferences 1993-2009/Aug 28  
(c) 2009 BLDSC all rts. reserv.  
File 71:ELSEVIER BIOBASE 1994-2009/Aug W4  
(c) 2009 Elsevier B.V.  
File 72:EMBASE 1993-2009/Aug 26  
(c) 2009 Elsevier B.V.  
File 73:EMBASE 1974-2009/Aug 26  
(c) 2009 Elsevier B.V.  
File 98:General Sci Abs 1984-2009/Aug  
(c) 2009 The HW Wilson Co.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Jul  
(c) 2009 The HW Wilson Co.  
File 135:NewsRx Weekly Reports 1995-2009/Aug W3  
(c) 2009 NewsRx  
File 136:BioEngineering Abstracts 1966-2007/Jan  
(c) 2007 CSA.  
File 143:Biol. & Agric. Index 1983-2009/Jul  
(c) 2009 The HW Wilson Co  
File 144:Pascal 1973-2009/Aug W4  
(c) 2009 INIST/CNRS  
File 154:MEDLINE(R) 1990-2009/Aug 27  
(c) format only 2009 Dialog  
File 155:MEDLINE(R) 1950-2009/Aug 27  
(c) format only 2009 Dialog  
File 172:EMBASE Alert 2009/Aug 27  
(c) 2009 Elsevier B.V.  
File 266:FEDRIP 2009/Jun  
Comp & dist by NTIS, Intl Copyright All Rights Res  
File 315:ChemEng & Biotech Abs 1970-2009/Aug  
(c) 2009 DECHEMA  
File 357:Derwent Biotech Res. \_1982-2009/Jul W3  
(c) 2009 Thomson Reuters  
File 358:Current BioTech Abs 1983-2006/Jan  
(c) 2006 DECHEMA  
File 369:New Scientist 1994-2009/Aug W3  
(c) 2009 Reed Business Information Ltd.  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
File 399:CA SEARCH(R) 1967-2009/UD= 15109  
(c) 2009 American Chemical Society  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

? ds

Set	Items	Description
S1	1193384	(MAK??? OR GENERAT? OR CREAT? OR PRODUC? OR BUILD? OR DEVELOP? OR FORM???) (3N) (PARAMETER? ? OR INFORMATION OR INFO OR D-

ATA OR QUANTITATIVE() (STATUS OR SITUATION))

S2 1757038 (GET? ? OR GETTING OR RECEIV??? OR PULL??? OR EXTRACT??? OR RETRIEV??? OR OBTAIN???) (3N) (PARAMETER? ? OR INFORMATION OR INFO OR DATA OR QUANTITATIVE() (STATUS OR SITUATION))

S3 390872 (S1 OR S2) (5N) (COMPUT? OR CALCULAT? OR ADD? OR SUM? OR ESTIMATE? OR ASSESS?)

S4 3983 S3(7N) (SPECIFY??? OR SPECIFY? ? OR DESIGNAT??? OR INDICAT??? OR STIPULAT??? OR SHOWING OR NOTIF? OR PROMPT? OR ALERT?)

S5 4725375 (PEOPLE OR INDIVIDUAL? ? OR HUMAN OR PERSON OR PERSONNEL OR WIFE?? OR GIRL?? OR LAD??? OR WOMEN OR MEN OR HUSBAND OR FRIEND? ? OR ELDERLY OR USER? ? OR PATIENT? ?) (3N) (PERFORMANCE? ? OR PERFORM??? OR EVALUATION OR RESULT? ? OR OUTCOME OR OUTPUT? ? OR OUT() (PUT? ? OR COME) OR FEEDBACK OR FEED() BACK OR RESULT? ? OR RESPOND??? OR RESPONSE? ?)

S6 750582 (PHYSIOLOGY? OR MEDICAL? OR QUANTATIVE OR CLINICAL OR PHYSICAL OR BLOOD OR CHOLESTEROL OR HDL OR LDL OR RBC OR WBC OR HEART RATE OR EKG OR ECG OR HEART() RATE) (3N) (GADGET? ? OR DEVICE? ? OR UNIT? ? OR DEVICE? ? OR MACHINE? ? OR COMPUTER? ? OR GIZMO OR CONTRACTION OR APPT OR APPARATUS)

S7 62 S4(7N) S5

S8 11 S4(7N) S6

S9 72 S7 OR S8

S10 22 RD (unique items)

S11 9 S10 NOT PY> 2000

S12 2038 S3(7N) S6

S13 33 S12(7N) S5

S14 14 S13 NOT PY> 2000

S15 23 S11 OR S14

15/3,K/2 (Item 2 from file: 5)  
 DIALOG(R) File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

09085469 BIOSIS NO.: 198885054360  
 HUMAN BLOOD BASOPHILS DISPLAY A UNIQUE PHENOTYPE INCLUDING ACTIVATION LINKED MEMBRANE STRUCTURES  
 AUTHOR: STAIN C (Reprint); STOCKINGER H; SCHARF M; JAEGER U; GOESSINGER H; LECHNER K; BETTELHEIM P  
 AUTHOR ADDRESS: I MED DEP, UNIV VIENNA, LAZARETTGASSE 14, A-1090 VIENNA, AUSTRIA\*\* AUSTRIA  
 JOURNAL: Blood 70 (6): p1872-1879 1987  
 ISSN: 0006-4971  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Abstract  
 LANGUAGE: ENGLISH

...ABSTRACT: the monocyte-specific structure p 55. Enriched basophils freshly obtained from chronic granulocytic leukemia (CGL) **patients** yielded identical **results** in FACS analyses. In **summary**, these **data indicate** that basophils **generate** a unique combination of surface determinants and possibly represent an activated cell population.

---

15/3,K/3 (Item 3 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rights reserved.

08166349 BIOSIS NO.: 198682012736  
METABOLIC CLEARANCE OF BIOLOGICALLY ACTIVE LUTEINIZING HORMONE IN MAN  
AUTHOR: VELDHUIS J D (Reprint); FRAIOLI F; ROGOL A D; DUFAU M L  
AUTHOR ADDRESS: BOX 202, UNIVERSITY VIRGINIA, SCHOOL MEDICINE,  
CHARLOTTESVILLE, VA 22908, USA\*\* USA  
JOURNAL: Journal of Clinical Investigation 77 (4): p1122-1128 1986  
ISSN: 0021-9738  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

...ABSTRACT: 1,937 IU/24 h, and for immunoactive LH of 589 IU/24 in normal  
**men**. These **results**  
**indicate** that previous **estimates** of  
LH **production** rates from immunoassay  
**data** alone markedly underestimate the quantity of  
biologically active hormone secreted in man.

---

15/3,K/4 (Item 4 from file: 5)  
DIALOG(R)File 5: Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rights reserved.

0001799436 BIOSIS NO.: 19674800083442  
Computer application to clinical problems  
BOOK TITLE: 13th Annual Houston Neurological Scientific Symposium on  
neurological diagnostic techniques  
AUTHOR: RANDT CIARK T; KOREIN JULIUS  
AUTHOR ADDRESS: N. Y. Univ. Sch. Med., New York, N. Y., USA  
p381-410 1966  
BOOK PUBLISHER: Charles C Thomas Publisher, Houston, Tex., Springfield,  
Ill.  
DOCUMENT TYPE: Book  
RECORD TYPE: Abstract  
LANGUAGE: Unspecified

ABSTRACT: A method of preparing **clinical**  
**information** in **computer** acceptable  
**form, designated** the  
"variable-field-length format," is described. The physicians's role in  
this phase of...

---

15/3,K/5 (Item 5 from file: 5)  
DIALOG(R)File 5: Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rights reserved.

0001611655 BIOSIS NO.: 19664700015754  
Nitrogen washout computer  
AUTHOR: SHINOSAKI TAMOTSU; ABAJIAN JOHN; TABAKIN BURTON S; HANSON JOHN S  
AUTHOR ADDRESS: Univ. Vermont Coll. Med., Burlington, Vermont, USA  
JOURNAL: AMER J MED ELECTRON 4 ((1)): p23-27 1965 1965  
DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: Unspecified

...ABSTRACT: curve is introduced. The full diagnostic value of the latter can now be realized in **clinical patient evaluation**. The **computer receives** continuous **information** with regard to N2 concentration and flow of expired gas. From this it computes ventilatory...

---

15/3,K/6 (Item 1 from file: 6)  
DIALOG(R)File 6: NTIS  
(c) 2009 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

0910228 NTIS Accession Number: AD-A101 714/4/XAB  
Analysis of Sheppard AFB Computer-Based Education Project  
Misselt, A. L. ; Call-Himwich, E.  
Illinois Univ. at Urbana-Champaign. Computer-Based Education Research Lab.  
Corp. Source Codes: 034597080; 408130  
Report No.: MTC-21  
Jan 78 110p  
Languages: English  
Journal Announcement: GRAI8123  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC A06/MF A01

Descriptors: \*Computer aided instruction; \*Education; \*Test and **evaluation**; Failure; **Medical personnel**; **Medical computer& It;/ B> applications**; **Experimental data**; **Problem solving**; **Decision making**; **Specifications**; **Computer programming**

---

15/3,K/7 (Item 2 from file: 6)  
DIALOG(R)File 6: NTIS  
(c) 2009 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

0433539 NTIS Accession Number: E74-10332/XAB  
Investigation Using Data from ERTS-1 to Develop and Implement Utilization of Living Marine Resources  
(Final rept. 1 Jul 72-4 Oct 73)  
Stevenson, W. H. ; Pastula, E. J.  
National Marine Fisheries Service, Bay Saint Louis, Miss. Fisheries Engineering Lab.  
Report No.: NASA-CR-136843  
Dec 73 198p  
Journal Announcement: GRAI7410  
Original contains color imagery. Original photography may be purchased from the EROS Data Center, 10th and Dakota Ave., Sioux Falls, S.D. 57198. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at



orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,  
Springfield, VA, 22161, USA.

NTIS Prices: PC A09/MF A01

... satellite imagery, aircraft acquired multispectral, photo and thermal  
IR information were acquired as data inputs. **Computer**  
programs were **developed** to manipulate these  
**data** according to **user** requirements.  
Preliminary **results indicate** a  
correlation between backscattered light with chlorophyll concentration and  
water transparency in turbid waters. Eight...

---

15/3,K/8 (Item 3 from file: 6)  
DIALOG(R)File 6: NTIS  
(c) 2009 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

0374291 NTIS Accession Number: N73-16927/XAB  
Comoc Thermal Analysis Variant. Users Manual  
(Program Users Manual Jun. - Oct. 1972)  
Bauer, A. M. ; Baker, A. J.  
Bell Aerospace Co., Buffalo, N.Y.  
Report No.: NASA-CR-130148; REPT-9500-920256  
Oct 72 61p  
Journal Announcement: GRAI7309; STAR1107  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.  
customers); (703)605-6000 (other countries); fax at (703)321-8547; and  
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,  
Springfield, VA, 22161, USA.  
NTIS Prices: PC E03/MF A01

... a priori knowledge concerning the stability character of the  
differential equation system. It can readily **output**  
**computed data** in **user< / B & gt;-specified format fields, that**  
geometrically resemble the solution domain discretization (for rapid  
engineering evaluation). Complete information is...

---

15/3,K/10 (Item 2 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
(c) 2009 Elsevier Eng. Info. Inc. All rights reserved.

06448365 E.I. COMPENDEX No: 19660043225  
Organization structure and reporting practices for production control --  
Pilot study of selected washington manufacturers  
Spratlen, T.H.  
APICS Quarterly Bulletin v 6 n 3 July 1965 ( American Production and  
Inventory Control Society (APICS) Chicago, IL United States), p 42-48  
Publication Year: 1965  
Document Type: RC; (Report Chapter)  
Language: English

...of activities that are considered to be production control functions,  
as well as number of people assigned to  
perform them; in addition, it gives  
indication of their information flow  
patterns for production control;

information provided can be used, with some adaptation,  
as basis for evaluation of production control system...

---

15/3,K/11 (Item 1 from file: 34)  
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci  
(c) 2009 The Thomson Corp. All rights reserved.

07525268 Genuine Article# : 176FD No. References: 14  
Title: Early detection of persistent trophoblastic tumour by serum human  
chorionic gonadotrophin monitoring after molar pregnancy  
Author(s): Ngan HYS (REPRINT) ; Wong LC  
Corporate Source: UNIV HONG KONG,DEPT OBSTET & GYNAECOL, QUEEN MARY  
HOSP, 6-F PROFESSORIAL BLOCK, POKFULAM R/HONG KONG//PEOPLES R CHINA/  
(REPRINT)  
Journal: CHINESE MEDICAL JOURNAL, 1999, V112, N3 (MAR), P260-263  
ISSN: 0366-6999 Publication date: 19990300  
Publisher: CHINESE MEDICAL ASSOCIATION, 42 DONGSI XIDAJIE, BEIJING 100710,  
PEOPLES R CHINA  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: centred post-molar serum hCG surveillance programme between  
1988 and 1996 were studied. The clinical data were  
obtained from medical records and  
computer database.

Results There were 616  
patients in the study. Twenty-five (11%) of 224  
patients with molar pregnancy and 28 (7...

---

15/3,K/18 (Item 2 from file: 73)  
DIALOG(R)File 73: EMBASE  
(c) 2009 Elsevier B.V. All rights reserved.

0072150490 EMBASE No: 1982141083  
Use of a physiologic pharmacokinetic model of glucose homeostasis for  
assessment of performance requirements for improved insulin therapies  
Sorensen J.T.; Colton K.; Hillman R.S.; Soeldner J.S.  
MIT, Cambridge, MA 02139, United States:  
CORRESP. AUTHOR/AFFIL: MIT, Cambridge, MA 02139, United States

Diabetes Care ( DIABETES CARE ) (United States) August 2, 1982, 5/3  
(148-157)  
CODEN: DICAD ISSN: 0149-5992  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English

...and diabetic individuals to standard intravenous and oral glucose  
tolerance tests are compared to clinical data.  
Reasonable agreement is obtained between predictions of  
the computer simulations and clinical  
data for normal individuals. The  
responses of a diabetic person to  
oral tolerance tests are simulated by removal of the pancreas from the  
glucose homeostasis...

chloroform hepatotoxicity in man could involve the same mechanisms.

---

15/3,K/20 (Item 1 from file: 99)  
DIALOG(R)File 99: Wilson Appl. Sci & Tech Abs  
(c) 2009 The HW Wilson Co. All rights reserved.

1178751 H.W. WILSON RECORD NUMBER: BAST94047370  
Rapid prototyping brings CT scans to life  
Machine Design v. 66 (Aug. 8 '94) p. 30  
DOCUMENT TYPE: Feature Article ISSN: 0024-9114

...ABSTRACT: prototype service bureau is using stereolithography and solid-ground forming systems to produce medical models. Physical models produced from computer tomography data have made possible more accurate evaluation of patients' conditions, better informed consent to surgery, and better-fitting artificial body parts.

## **V. Text Search Results from Dialog**

### **A. Abstract Databases**

? show files; ds  
File 35:Dissertation Abs Online 1861-2009/Jul  
(c) 2009 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage  
File 65:Inside Conferences 1993-2009/Aug 28  
(c) 2009 BLDSC all rts. reserv.  
File 2:INSPEC 1898-2009/Aug W4  
(c) 2009 The IET  
File 474:New York Times Abs 1969-2009/Aug 31  
(c) 2009 The New York Times  
File 475:Wall Street Journal Abs 1973-2009/Aug 31  
(c) 2009 The New York Times  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Jul  
(c) 2009 The HW Wilson Co.  
File 256:TecTrends 1982-2009/Aug W5  
(c) 2009 Info.Sources Inc. All rights res.  
File 347:JAPIO Dec 1976-2009/Mar(Updated 090708)  
(c) 2009 JPO & JAPIO  
File 350:Derwent WPIX 1963-2009/UD=200955  
(c) 2009 Thomson Reuters  
File 5:Biosis Previews(R) 1926-2009/Aug W5  
(c) 2009 The Thomson Corporation  
File 73:EMBASE 1974-2009/Aug 27  
(c) 2009 Elsevier B.V.  
File 155:MEDLINE(R) 1950-2009/Aug 28  
(c) format only 2009 Dialog  
File 34:SciSearch(R) Cited Ref Sci 1990-2009/Aug W4  
(c) 2009 The Thomson Corp  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

File 74: Int.Pharm.Abs 1970-2009/Jun B1  
(c) 2009 The Thomson Corporation  
File 42: Pharm. News Index 1974-2009/Aug W1  
(c) 2009 ProQuest Info&Learning  
File 169: Insurance Periodicals 1984-1999/Nov 15  
(c) 1999 NELS Publishing Co.  
File 6: NTIS 1964-2009/Sep W2  
(c) 2009 NTIS, Intl Cpyrgh All Rights Res  
File 63: Transport Res(TRIS) 1970-2009/Jul  
(c) fnt only 2009 Dialog  
File 8: Ei Compendex(R) 1884-2009/Aug W4  
(c) 2009 Elsevier Eng. Info. Inc.  
File 7: Social SciSearch(R) 1972-2009/Aug W4  
(c) 2009 The Thomson Corp  
File 139: EconLit 1969-2009/Aug  
(c) 2009 American Economic Association

Set	Items	Description
S1	1898483	(MAK??? OR GENERAT? OR CREAT? OR PRODUC? OR BUILD? OR DEVELOP? OR FORM???) (3N) (PARAMETER? ? OR INFORMATION OR INFO OR DATA OR QUANTITATIVE() (STATUS OR SITUATION))
S2	2354272	(GET? ? OR GETTING OR RECEIV??? OR PULL??? OR EXTRACT??? OR RETRIEV??? OR OBTAIN???) (3N) (PARAMETER? ? OR INFORMATION OR INFO OR DATA OR QUANTITATIVE() (STATUS OR SITUATION))
S3	453191	(S1 OR S2) (5N) (COMPUT? OR CALCULAT? OR ADD? OR SUM? OR ESTIMATE? OR ASSESS?)
S4	15148	S3(7N) (SPECIFY??? OR SPECIFIE? ? OR DESIGNAT??? OR INDICAT??? OR STIPULAT??? OR SHOWING OR NOTIF? OR PROMPT? OR ALERT?)
S5	2265031	(PEOPLE OR INDIVIDUAL? ? OR HUMAN OR PERSON OR PERSONNEL OR WIFE?? OR GIRL?? OR LAD??? OR WOMEN OR MEN OR HUSBAND OR FRIEND? ? OR ELDERLY OR USER? ? OR PATIENT? ?) (3N) (PERFORMANCE? ? OR PERFORM??? OR EVALUATION OR RESULT? ? OR OUTCOME OR OUTPUT? ? OR FEEDBACK OR FEED() BACK OR RESULT? ?)
S6	534000	(COMPAR? OR CONTRAST? OR MATCH?? OR RESEMBL? OR ANALY? OR AGREE? OR EQUAT? OR EQUALI?) (3N) (GOAL? ? OR OBJECT??? OR FOCUS? OR INTENDED OR PROJECTED OR THRESHOLD OR THRES() HOLD OR TARGET OR EXPECTATION)
S7	544773	(PHYSIOLOGY? OR MEDICAL? OR QUANTATIVE OR CLINICAL OR PHYSICAL OR BLOOD OR CHOLESTEROL OR HDL OR LDL OR RBC OR WBC OR HEART RATE OR EKG OR ECG OR HEART() RATE) (3N) (GADGET? ? OR DEVICE? ? OR UNIT? ? OR DEVICE? ? OR MACHINE? ? OR COMPUTER? ? OR GIZMO OR CONTRAPTION OR APPT OR APPARATUS)
S8	7782	S7(7N) (WEARABLE OR WORN OR WEAR??? OR CLAMP??? OR GRASP??? OR HOLD??? OR SECUR??? OR RETAIN??? OR FASTEN??? OR AFFIX??? - OR HOOK??? OR CLASP??? OR CLIP? ? OR CLIPP??? OR SNAPP???)
S9	580	S8(3N) (BODY OR HUMAN OR INDIVIDUAL OR PERSON)
S10	229	S8(3N) (WAIST OR HIPS OR ABDOMEN OR BUTTOCKS OR TORSO OR ARM OR ARMS OR WRIST? ? OR FOREARM? ? OR FINGER? ? OR THUMB? ? OR HAND OR HANDS OR LEG OR LEGS OR THIGH? ? OR LIMB? ? OR PALM?)
S11	15679	S3 AND S5
S12	334	S11 AND S6
S13	19	S12 AND S7
S14	225	S4 AND S6
S15	5	S14 AND S7
S16	14	S14 AND S5
S17	45	S5 AND S9
S18	4	S17 AND (S1 OR S2)
S19	310	S5 AND S8

S20 53 S19 AND (S1 OR S2)  
 S21 9 S20 AND S3  
 S22 51 S13 OR S15 OR S16 OR S18 OR S21  
 S23 9 S22 NOT PY> 2000  
 S24 94 S17 OR S20  
 S25 22 S24 NOT PY> 2000

23/3,K/3 (Item 3 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2009 Thomson Reuters. All rts. reserv.

0007319406 - Drawing available  
 WPI ACC NO: 1995-382058/199549  
 XRPX Acc No: N1995-279819

Medical communication system for remote observation - has wire communication circuit of diagnosing and informing device comprising modem connected to single telephone line which is also used to send instruction signals to medical worker

Patent Assignee: COLIN CORP (COLI-N)  
 Inventor: HARADA C; OKA T; SUZUKI H  
 Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5462051	A	19951031	US 1994298200	A	19940831	199549 B

Priority Applications (no., kind, date): US 1994298200 A 19940831

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5462051	A	EN	22	10		

Alerting Abstract ...A sensor worn on a living body **obtain** physical **information**, e.g. blood pressure, sugar content or oxygen saturation, ECG or body temp. of the...

...representing the physical information. a first device disposed on a side of the living body, **receiving** The physical **information** signal is **received** from the sensor and may be transmitted via a communication channel. A receiver is connected...

...via the communication channel, the physical information signal from the first transmitter. An output device **produces** the physical **information** represented by the physical information signal so that the medical worker **receives** the physical **information**. An input device **receiving** the instruction of the medical worker generates the instruction signal representing the input instruction for...

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...medical communication system including (A) a sensor worn on a living body to obtain physical **information** of the body, **and generating** a signal representing **the physical information** ; (B) a first device disposed on a side of the living body, receiving the physical **information signal** from (A) **the** sensor, and

including (b1) a first transmitter which transmits the physical information signal via a...

...medical worker directed to the living body and/or an attendant person, and (b3) an **output** device which **outputs the** instruction of the medical worker so that the living body and/or attendant person receives...

...of the medical worker, and including (c1) a second receiver which receives, via the communication **channel**, the physical **information** signal from (b1) the first transmitter, (c2) an output device which outputs the physical information represented by the physical information signal so that **the** medical worker **receives** the physical **information**, (c3) an input **device** which is operable for inputting the instruction of the medical worker and generates the instruction...

Claims:

...for transmitting physical information of a living body to a medical worker, comprising: (A) a **physical** information **sensor device** including (a1) a **physical** information **sensor** which is adapted to be **worn** on **said** living **body** to **obtain** said **physical** information of **the** living body, and generates a **physical** information signal **representing** the **obtained** physical **information**, and (a2) a first signal transmitter which transmits said physical information signal at a first output power...

...side of said living body, and includes (b1) a first signal receiver which receives said **physical** information signal **from** (a2) said first signal transmitter of (A) said physical information **sensor device**, and which **receives** an instruction signal representing an instruction of said medical worker directed to at least one...

...for the living body, (b2) abnormality identifying means for identifying whether said physical information represented **by** said physical **information** signal **received** by (b1) said first signal receiver is abnormal, (b3) a second signal transmitter which transmits, at a...

...from (B') said monitor unit, and includes (b5) a second signal receiver which receives said **physical** information signal **from** (b3) said second signal transmitter, (b6) diagnosing means for diagnosing whether said physical information represented **by** said physical **information** signal **received** by (b5) said second signal receiver is abnormal, (b7) a wire communication circuit including (b7-1) a ...

...signal receiver, said instruction signal and a diagnosis signal representing that said physical information represented **by** said physical **information** signal **received** by (b5) said second signal receiver has been diagnosed as being abnormal by (b6) said diagnosing means...

...output device which outputs said physical information of said living body represented by said physical **information** signal **received** by (c1) said fourth signal receiver, so that said medical worker receives the **physical** information, (c3) an instruction input device which is operable for inputting said instruction of said medical worker and...

23/3,K/6 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

10823815 BIOSIS NO.: 199192069586  
CAN COMPUTER AIDED TEACHING PACKAGES IMPROVE CLINICAL CARE IN PATIENTS WITH  
ACUTE ABDOMINAL PAIN  
AUTHOR: DE DOMBAL F T (Reprint); DALLOS V; MCADAM W A F  
AUTHOR ADDRESS: CLIN INFORMATION SCI UNIT, UNIV LEEDS, LEEDS LS2 9LN, ENGL,  
UK\* \* UK  
JOURNAL: British Medical Journal 302 (6791): p1495-1497 1991  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

ABSTRACT: **Objective:** To **compare** three methods of support for inexperienced staff in their diagnosis and management of patients with acute abdominal pain - namely, with (a) structured **data** collection **forms**, (b) real time **computer** aided decision support, and (c) computer based teaching packages. Design: Prospective assessment of effects of...

...in suggesting that the use of computer aided decision support improves diagnostic and decision making **performance** when dealing with **patients** suffering from acute abdominal pain. The use of the computer for teaching gave results atomic..

...be highly relevant for those who are apprehensive about the real time use of diagnostic **computers** in a **clinical** setting.

DESCRIPTORS: STRUCTURED **DATA** COLLECTION **FORMS** **COMPUTER**  
AIDED DECISION SUPPORT DIAGNOSIS TREATMENT

23/3,K/7 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0074704568 EMBASE No: 1991209379  
Can computer aided teaching packages improve clinical care in patients with acute abdominal pain?  
De Dombal F.T.; Dallos V.; McAdam W.A.F.  
Clinical Information Science, Unit, University of Leeds, Leeds LS2 9LN, United Kingdom  
CORRESP. AUTHOR/AFFIL: De Dombal F.T.: Clinical Information Science, Unit, University of Leeds, Leeds LS2 9LN, United Kingdom

British Medical Journal ( BR. MED. J. ) (United Kingdom) August 2, 1991  
, 302/6791 (1495-1497)  
CODEN: BMJOA ISSN: 0959-8146  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English

**Objective** - To **compare** three methods of support for inexperienced staff in their diagnosis and management of patients with acute abdominal pain - namely, with (a) structured **data** collection **forms**, (b) real time **computer** aided decision support, and (c) computer based teaching packages. Design - Prospective assessment of effects of...

...in suggesting that the use of computer aided decision support improves diagnostic and decision making **performance** when dealing with **patients** suffering from acute abdominal pain. That use of the computer for teaching gave results atomic..

...be highly relevant for those who are apprehensive about the real time use of diagnostic **computers** in a **clinical** setting.

MEDICAL DESCRIPTORS:

\* acute abdomen--diagnosis--di; \* acute abdomen--therapy--th; \* **clinical** practice; \* **computer** program; \* **medical** education

ORIG. DESCRIPTORS:

25/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0010356790

WPI ACC NO: 2000-672427/200065

XRPX Acc No: N2000-498551

Determining physical **performance** of **person** involves measuring heart rate and speed while slowly approaching anaerobic threshold, exceeding it in controlled manner

Patent Assignee: SIERZEGA R (SIER-I)

Inventor: SIERZEGA R

Patent Family (2 patents, 21 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2000040151	A1	20000713	WO 1999AT315	A	19991230	200065 B
EP 1059876	A1	20001220	EP 1999964337	A	19991230	200105 E
			WO 1999AT315	A	19991230	

Priority Applications (number, kind, date): AT 19982193 A 19981230

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2000040151 A1 DE 15 1

National Designated States,Original: CA US

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE

EP 1059876 A1 DE PCT Application WO 1999AT315

Based on OPI patent WO 2000040151

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE  
IT LI LU MC NL PT SE

Determining physical **performance** of **person** involves measuring heart rate and speed while slowly approaching anaerobic threshold, exceeding it in controlled...

Original Titles:

...DETERMINING THE PHYSICAL **PERFORMANCE** OF A **PERSON**

...

...DETERMINING THE PHYSICAL **PERFORMANCE** OF A **PERSON**

Alerting Abstract ...The method involves continuously measuring heart rate and speed of motion using a mobile device **worn** on the **body**. The **device** has an integrated **heart rate** measurement



**unit** and a radar unit for determining the speed of motion of the person by slowly...

DESCRIPTION - An INDEPENDENT CLAIM is also included for an arrangement for determining the physical **performance** of a **person**.

...

...USE - For determining the current physical **performance** of a **person** during training

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...heart rate determined in this way and the speed of the person a quantity expressing **the physical performance** of said **person** **is** calculated. The **speed** is detected by a radar device (1) carried by the person by **evaluation** of a Doppler **signal** and together with the heart rate data is analyzed further in a computing unit (3...

...determining the physical performance of persons at a given moment. According to the invention the **person's heart** rate is determined continuously and from the heart rate determined in this way and the speed of the person a quantity expressing the physical **performance** of said **person** is calculated. The speed is detected by a radar device (1) carried by **the person** by **evaluation** of a Doppler signal and together with the heart rate data **is** analyzed **further** in a computing unit (3). The measurements can be carried out anywhere so that the...

Claims:

25/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0009252820 - Drawing available

WPI ACC NO: 1999-180414/199915

XRPX Acc No: N1999-132533

Self contained exercise alert unit with thin disk providing private stimulus at spaced intervals

Patent Assignee: CLEVELAND D L (CLEV-I); NAMISNIAK L (NAMI-I)

Inventor: CLEVELAND D L; NAMISNIAK L

Patent Family (3 patents, 25 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1999007449	A1	19990218	WO 1998US16432	A	19980807	199915 B
US 5894271	A	19990413	US 1997907440	A	19970808	199922 E
AU 199886968	A	19990301	AU 199886968	A	19980807	199928 E

Priority Applications (no., kind, date): US 1997907440 A 19970808

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 1999007449	A1	EN	20	4		
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National Designated States,Original: AU BR CA CN IL JP

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LU MC NL PT SE  
AU 199886968 A EN Based on OPI patent WO 1999007449

Alerting Abstract USE - For providing a **unit of physical** fitness training with independent devices **affixed** to selected **body** parts for privately and discretely signaling to user at predetermined intervals to flex or contract...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...signal to the user at selected time intervals to remind the user to flex adjacent **muscle** groups or to **perform** isometric exercise. The alert unit is designed to be worn imperceptibly to the public and...

...at selected time intervals to remind the user to flex adjacent muscle groups or to **perform isometric** exercise. The alert unit is designed to be worn imperceptibly to the public and provide...

Claims:

25/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0008729481 - Drawing available

WPI ACC NO: 1998-270915/199824

XRPX Acc No: N1998-212808

Inflatable dual-walled speculum for gynaecological examinations - has inner and outer wall elements sealed together to form fluid tight envelope which is inflated using warm water, and retaining device inserted into the inflated speculum body section

Patent Assignee: JOHNSON W T M (JOHN-I)

Inventor: JOHNSON W T M

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5743852	A	19980428	US 1996632242	A	19960415	199824 B

Priority Applications (no., kind, date): US 1996632242 A 19960415

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5743852	A	EN	13	10		

Alerting Abstract ...ADVANTAGE - Easily inserted and positioned by the patient. Control of the device by the **patient results** in a more comfortable examination environment for her.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...the use of other instruments during the examination. Control of the

device by the patient **results** in a **more comfortable** examination environment for the patient.

Claims:

...section by introducing a fluid into the body section envelope;a rigid medical device for **retaining** the inflated speculum in its inflated **state, said rigid medical device** being inserted and positioned within the inflated speculum after inflation;a removable plastic sleeve that...

25/3,K/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0008719920 - Drawing available  
WPI ACC NO: 1998-260849/199823  
XRPX Acc No: N1998-205676  
User security system for programmable terminal or personal computer - has token reader with security actuator not requiring user identity verification, with security-critical operation being performed on token only after reader detects actuator operation to confirm presence of user  
Patent Assignee: MICROSOFT CORP (MICR-N)  
Inventor: BARLOW D C; DILLAWAY B B; LIPSCOMB T M  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
US 5742756 A 19980421 US 1996600305 A 19960212 199823 B

Priority Applications (no., kind, date): US 1996600305 A 19960212

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5742756	A	EN	9	5		

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

...security system comprising:an intelligent security token that is used for performing security-critical operations **requiring user** authorization;a reader device providing communications between the intelligent security token and the operator terminal;the reader device having a **security** actuator that requires **physical operation** by a **person**, the reader **device being** configured to detect **such physical** operation **of** the **security** actuator after a request by the operator terminal for the intelligent security token to perform a security-critical operation, wherein the security **actuator** does not require **user** identity verification;the intelligent security token being **configured to perform** the security-critical operation only after the reader device detects physical operation of the security...

25/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0007785102

WPI ACC NO: 1996-411456/199641

Related WPI Acc No: 1991-031081; 1991-209718; 1993-251299; 1994-047949;  
1994-185174; 1994-242347; 1996-049361; 1996-150617; 1996-383557;  
1997-153157; 1997-191772; 1997-280170; 1997-297241; 1997-384235;  
1997-384559; 1997-502220

XRAM Acc No: C1996-129669

XRPX Acc No: N1996-346374

Mechanical heart with wear resistant coatings - of reduced thrombogenicity  
comprising blue-black zirconium oxide, black zirconium oxide or zirconium  
nitride

Patent Assignee: SMITH & NEPHEW RICHARDS INC (SMIN)

Inventor: DAVIDSON J A

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5549667	A	19960827	US 1989385285	A	19890725	199641 B
			US 1990557173	A	19900723	
			US 1992830720	A	19920204	
			US 1992919932	A	19920727	
			US 1993112587	A	19930826	
			US 1994320456	A	19941011	

Priority Applications (no., kind, date): US 1989385285 A 19890725; US  
1990557173 A 19900723; US 1992830720 A 19920204; US 1992919932 A  
19920727; US 1993112587 A 19930826; US 1994320456 A 19941011

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5549667	A	EN	10	5	C-I-P of application	US 1989385285
					C-I-P of application	US 1990557173
					C-I-P of application	US 1992830720
					C-I-P of application	US 1992919932

Assignee name & address:

Original Abstracts:

...wear resistant, biocompatible and blood compatible coatings for  
components of external blood-contacting pumps including **mechanical**  
heart **devices** that are exposed to conditions of **wear** in the  
**body** and that may be exposed to blood components. The components may  
be fabricated from zirconium...

Claims:

...s heart and returning the blood to a patient's aorta, an input valve and  
**an output** valve, said pump and valves adapted and connected to  
remove blood from the heart and...

25/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007351292

WPI ACC NO: 1995-075053/199510

Related WPI Acc No: 1988-235074; 1993-227110; 1994-151004; 1994-151005;  
1994-151006; 1994-151007; 1994-151009; 1995-106564; 1996-517804;  
1997-051961; 1997-052003; 1997-052004; 1997-052005; 1997-052006;  
1997-052007; 1997-052008; 1997-052009; 1998-296670; 1998-520071;  
1999-105805; 1999-142430; 2001-290835

XRAM Acc No: C1995-033373

XRPX Acc No: N1995-059483

Obtaining cellular rich concentrate from blood - in a separator with some of the cellular poor components retained in the system

Patent Assignee: BAXTER INT INC (BAXT)

Inventor: BROWN R I

Patent Family (9 patents, 19 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1995003112	A1	19950202	WO 1994US1905	A	19940214	199510 B
EP 666771	A1	19950816	EP 1994917252	A	19940214	199537 E
			WO 1994US1905	A	19940214	
JP 8502440	W	19960319	WO 1994US1905	A	19940214	199644 E
			JP 1995505115	A	19940214	
DE 69425644	E	20000928	DE 69425644	A	19940214	200056 E
			EP 1994917252	A	19940214	
			WO 1994US1905	A	19940214	

Priority Applications (no., kind, date): US 1991814403 A 19911223; US 1992965088 A 19921022; US 199397967 A 19930726; US 1995551579 A 19951101; US 1996719138 A 19960924; US 1996719312 A 19960924; US 1997975694 A 19971121; US 1997977305 A 19971125

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1995003112	A1	EN	62	8		
National Designated States,Original: CA JP						
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE						
EP 666771	A1	EN	1		PCT Application	WO 1994US1905
Based on OPI patent WO 1995003112						
1996719312						
C-I-P of patent US 5370802						

Original Publication Data by Authority  
Argentina

Assignee name & address:

Original Abstracts:

...Systems and methods convey anticoagulated blood suspension from a donor into a separation **device for** component separation. One or more components are **retained** for therapeutic use, while one or more are returned to the donor. The systems and...

Claims:

...the plasma component, compare the derived rate with a nominal infusion rate based upon empirical **data**, so as to **produce** a control signal based on deviation between the derived and nominal rates **and** means for adjusting **the** processing **parameters** to lower the citrate infusion rate if the control signal indicates that the nominal infusion...reactions in a population of donors, and which remains constant among a population of different **individual donors**,generating an **output** based upon the comparing step, andgoverning the plasma return rate in **response** to the **output**.

<b>

25/3,K/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0007319406 - Drawing available

WPI ACC NO: 1995-382058/199549

XRFX Acc No: N1995-279819

Medical communication system for remote observation - has wire communication circuit of diagnosing and informing device comprising modem connected to single telephone line which is also used to send instruction signals to medical worker

Patent Assignee: COLIN CORP (COLI-N)

Inventor: HARADA C; OKA T; SUZUKI H

Patent Family (1 patents, 1 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
US 5462051	A	19951031	US 1994298200	A	19940831	199549 B

Priority Applications (no., kind, date): US 1994298200 A 19940831

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5462051	A	EN	22	10		

Alerting Abstract ...A sensor worn on a living body **obtain** physical **information**, e.g. blood pressure, sugar content or oxygen saturation, ECG or body temp. of the...

...representing the physical information. a first device disposed on a side of the living body, **receiving** The physical **information** signal is **received** from the sensor and may be transmitted via a communication channel. A receiver is connected...

...via the communication channel, the physical information signal from the first transmitter. An output device **produces** the physical **information** represented by the physical information signal so that the medical worker **receives** the physical **information**. An input device **receiving** the instruction of the medical worker generates the instruction signal representing the input instruction for...

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...medical communication system including (A) a sensor worn on a living body to obtain physical **information** of the body, **and generating** a signal representing **the physical information** ; (B) a first device disposed on a side of the living body, receiving the physical **information signal** from (A) **the** sensor, and including (b1) a first transmitter which transmits the physical information signal via a...

...medical worker directed to the living body and/or an attendant person, and (b3) an **output** device which **outputs the** instruction of the medical worker so that the living body and/or attendant person receives...

...of the medical worker, and including (c1) a second receiver which receives, via the communication **channel**, the physical **information** signal from (b1) the first transmitter, (c2) an output

device which outputs the physical information represented by the physical information signal so that **the** medical worker **receives** the physical **information**, (c3) an input **device** which is operable for inputting the instruction of the medical worker and generates the instruction...

Claims:

...for transmitting physical information of a living body to a medical worker, comprising: (A) a **physical** information **sensor device** including (a1) a **physical** information **sensor** which is adapted to be **worn** on **said** living **body** to **obtain** said **physical** information of **the** living body, and generates a **physical information** signal **representing** the **obtained** physical **information**, and (a2) a first signal transmitter which transmits said physical information signal at a first output power...

...side of said living body, and includes (b1) a first signal receiver which receives said **physical information** signal **from** (a2) said first signal transmitter of (A) said physical information sensor **device**, and which **receives** an instruction signal representing an instruction of said medical worker directed to at least one...

...for the living body, (b2) abnormality identifying means for identifying whether said physical information represented **by** said physical **information** signal **received** by (b1) said first signal receiver is abnormal, (b3) a second signal transmitter which transmits, at a...

...from (B') said monitor unit, and includes (b5) a second signal receiver which receives said **physical information** signal **from** (b3) said second signal transmitter, (b6) diagnosing means for diagnosing whether said physical information represented **by** said physical **information** signal **received** by (b5) said second signal receiver is abnormal, (b7) a wire communication circuit including (b7-1) a 25/3,K/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0006908324 - Drawing available

WPI ACC NO: 1994-303249/199437

XRPX Acc No: N1994-238271

Medical alert distribution system - filters information from in-bound information source, which is manipulated in host computer in accordance with selection and limit parameters from remote subscriber device

Patent Assignee: METRIPLEX INC (METR-N)

Inventor: MILLER J M; MILLER M J; STUTMAN P S

Patent Family (3 patents, 23 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1994020916	A1	19940915	WO 19941B52	A	19940309	199437 B
AU 199462187	A	19940926	AU 199462187	A	19940309	199503 E
US 5576952	A	19961119	US 199328333	A	19930309	199701 E

Priority Applications (no., kind, date): US 199328333 A 19930309

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 1994020916 A1 EN 46

National Designated States,Original: AU BR CA CN JP KR

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU

MC NL PT SE  
AU 199462187 A EN Based on OPI patent WO 1994020916  
US 5576952 A EN 23 13

Alerting Abstract ...The medical alert distribution system selectively filters **information received** from an inbound **information** source. Software modules resident in a "limit" software subsystem of a memory (16) of a...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The present invention relates to a medical alert distribution system which receives medical **information** (e.g. blood **pressure**, blood chemistry test results, **etc.**) from monitoring **units worn** by ambulatory **patients**. The system also receives medical selection and **limit parameters** from remote system subscriber units (e.g., a unit accessed by a doctor). The system repeatedly compares the medical **information received form** the **ambulatory patients** to determine if a selected parameter, as indicated by an asserted in-alert flag, has exceeded the limit **parameters received form** the **remote subscriber units**. If exceeded, the system sends a message (e.g., via a wireless paging message) to...

...A medical alert distribution system selectively filters **information received** from an inbound **information** source. Software modules **resident in** a "limit" software **subsystem** of a memory of a host computer of the system are organized to interface with...

Claims:

...flag associated with said information record is asserted;</br> means, coupled to said comparing means, for **creating a** selectively filtered message in response to said matched condition, said selectively filtered message including said current value of the **information** record; and</br> (C) means for distributing said selectively filtered message to the authorized user.

25/3,K/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0002487768

WPI ACC NO: 1982-E6931E/198216

Physical training device for use when performing sit-ups - has support placed on floor and wedged against adjacent door frame to hold user's feet down

Patent Assignee: SCHWARZ G (SCHW-I)

Inventor: SCHWARZ G

Patent Family (1 patents, 1 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
US 4323235	A	19820406	US 1980210291	A	19801125	198216 B

Priority Applications (no., kind, date): CH 19801189 A 19800214



#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 4323235	A	EN	6			

#### Original Titles:

**Physical** training **apparatus** for holding a **person's** feet when **performing** sit-ups

Alerting Abstract ...The device dispenses with the need for another person to hold the feet of the **person** when **performing** sit-ups.

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

**Physical** training **apparatus** for **holding** a **person's** feet while the person lies supine on a floor with his or her feet...

...the apparatus dispenses with the need for another person to hold the feet of the **person** when **performing** sit-ups.

Claims:

25/3,K/10 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0001862168

WPI ACC NO: 1979-K8815B/197947

Authenticating identity of user of information system - transferring terminal user authentication pattern with identification number to host data processing system

Patent Assignee: IBM CORP (IBMC)

Inventor: MATYAS S M; MEYER C H W

Patent Family (5 patents, 5 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 5179	A	19791114	EP 1979101038	A	19790405	197947 B
US 4218738	A	19800819	US 1978903286	A	19780505	198036 E
CA 1111563	A	19811027			198148	E
EP 5179	B	19830518	EP 1979101038	A	19790405	198321 E
DE 2965420	G	19830707			198328	E

Priority Applications (no., kind, date): US 1978903286 A 19780505; EP 1979101038 A 19790405

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 5179	A	EN				

Regional Designated States,Original: DE FR GB IT

CA 1111563 A EN

EP 5179 B EN

Regional Designated States,Original: DE FR GB IT

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...order to authenticate the identity of terminal users of the system, a host system initialization **process** is first **performed** to provide a table of test patterns for use during subsequent authentication processing. This is...

...processing system. A first initialization operation is performed at the host data processing system in **accordance** with the terminal **user** identification numbers and passwords to obtain terminal user authentication patterns. A second initialization operation is **performed** at the host data processing system in accordance with the predetermined number and the terminal user identification numbers to obtain terminal user first verification patterns. A third initialization operation **is performed** at the host data processing system in **accordance** with the terminal **user** authentication patterns and the terminal user first verification patterns to obtain the table of terminal...

...The test pattern for each authorized computer user is generated at a time when the **physical security** of the **central** computer and **its data** can be assured, such as in a physically guarded environment with no teleprocessing facilities operating...

Claims:

25/3,K/11 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

11786990 BIOSIS NO.: 199395089256  
Double blind clinical and laboratory study of hypoglycaemia with human and porcine insulin in diabetic patients reporting hypoglycaemia unawareness after transferring to human insulin  
AUTHOR: Maran Alberto; Lomas Jill; Archibald Helen; MacDonald Ian A; Gale Edwin Am; Amiel Stephanie A (Reprint)  
AUTHOR ADDRESS: Unit Metabolic Med., United Med. Dental Sch., Guy's Hosp. Campus, London SE1 9RT, UK\*\*UK  
JOURNAL: British Medical Journal 306 (6871): p167-171 1993  
ISSN: 0959-8138  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: Double blind randomized crossover study of clinical experience and physiological responses during slow fall hypoglycaemic **clamping** with porcine and **human** insulin. Setting: **Clinical** investigation **unit** of teaching hospital recruiting from diabetes clinics of five teaching hospitals and one district general...

...five years' duration who had reported altered hypoglycaemia awareness within three months of transferring to **human** insulin. Main **outcome** measures: Glycaemic control and frequency of hypoglycaemic episodes during two months' treatment with each insulin...

25/3,K/12 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0078305857 EMBASE No: 2000355450

Robotic-enhanced arterial revascularization for multivessel coronary artery disease

Cichon R.; Kappert U.; Schneider J.; Schramm I.; Gulielmos V.; Tugtekin S.M.; Schuler S.

Cardiovascular Institute, University of Dresden, Dresden, Germany

AUTHOR EMAIL: monika.weber.hkz; dd@t-online.de

CORRESP. AUTHOR/AFFIL: Schuler S.: Cardiovascular Institute, University of Dresden, Fetscherstrasse 76, D-01307 Dresden, Germany

Annals of Thoracic Surgery ( Ann. Thorac. Surg. ) (United States)

October 23, 2000, 70/3 (1060-1062)

CODEN: ATHSA ISSN: 0003-4975

PUBLISHER ITEM IDENTIFIER: S0003497500018026

DOI: 10.1016/S0003-4975(00)01802-6

DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 7

...cross-clamp time was 36 +/- 8.7 minutes. An average of 2.06 anastomoses were **performed** per operation. Postoperatively, **patients** remained in the intensive care unit for 21 +/- 13 hours. One patient (5.8%) needed...

#### MEDICAL DESCRIPTORS:

adult; aged; artery anastomosis; artery **clamp**; bleeding--complication --co; **clinical** article; conference paper; **device**; female; **human**; internal mammary artery; male; operation duration; priority journal; surgical injury; surgical technique; survival rate

#### ORIG. DESCRIPTORS:

25/3,K/13 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2009 Elsevier B.V. All rts. reserv.

0077833046 EMBASE No: 1999319377

Comparison of transcranial doppler investigation of aneurysmal vasospasm with digital subtraction angiographic and clinical findings

Okada Y.; Shima T.; Nishida M.; Yamane K.; Hatayama T.; Yamanaka C.; Yoshida A.

Department of Neurosurgery, Shimane Medical University, Izumo, Japan;

Department of Neurosurgery, Tokyo Women's Medical University, 8-1

Kawada-cho, Shinjuko-ku, Tokyo 162-8666, Japan

CORRESP. AUTHOR/AFFIL: Okada Y.: Department of Neurosurgery, Tokyo Women's Medical University, 8-1 Kawada-cho, Shinjuko-ku, Tokyo 162-8666, Japan

Neurosurgery ( Neurosurgery ) (United States) September 1, 1999, 45/3 (443-450)

CODEN: NRSRD ISSN: 0148-396X

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 32

...peripheral sites can produce more serious ischemic insults, compared

with that localized to basal vessels. **Patients** with negative TCD **results** and clinical features suggesting the development of VSP should undergo quantitative investigation of cerebral circulatory...

MEDICAL DESCRIPTORS:

adult; article; blood flow velocity; brain circulation; clinical article; **clinical** feature; **clip**; **computer assisted tomography**; female; **human**; internal carotid artery; male; priority journal; subarachnoid hemorrhage--diagnosis--di; treatment outcome

ORIG. DESCRIPTORS:

25/3,K/14 (Item 3 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2009 Elsevier B.V. All rts. reserv.

0077685199 EMBASE No: 1999171391

MRI assessment of coronary stents

Valutazione RM degli stent coronarici

De Cobelli F.; Cappio S.; Vanzulli A.; Del Maschio A.

Istituto di Radiologia, Istituto Scientifico S. Raffaele, Ospedale

Universitario, Via Olgettina 60, 20132 Milano, Italy

CORRESP. AUTHOR/AFFIL: De Cobelli F.: Istituto di Radiologia, Istituto Scientifico S. Raffaele, Ospedale Universitario, Via Olgettina 60, 20132 Milano, Italy

CORRESP. AUTHOR EMAIL: radiologia@hsr.it

Rays - International Journal of Radiological Sciences ( Rays Int. J.

Radiol. Sci. ) (Italy) May 26, 1999, 24/1 (140-148)

CODEN: RAYSD ISSN: 0390-7740

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English; Italian SUMMARY LANGUAGE: English; Italian

NUMBER OF REFERENCES: 26

...location were shown in a cine format. Correlation with coronary angiography (standard of reference) was **performed** in all **patients**. No MRI-related adverse events were observed. All the stents were visualized as areas of...

MEDICAL DESCRIPTORS:

adult; aged; article; breath **holding**; cineradiography; clinical article; **clinical** trial; controlled study; **device**; female; **human**; male

ORIG. DESCRIPTORS:

25/3,K/15 (Item 4 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2009 Elsevier B.V. All rts. reserv.

0077415282 EMBASE No: 1998325700

Comparison of near-infrared spectroscopy and somatosensory evoked potentials for the detection of cerebral ischemia during carotid endarterectomy

Beese U.; Langer H.; Lang W.; Dinkel M.

Department of Anesthesiology, Division of Vascular Surgery, University of Erlangen-Nuremberg, Erlangen, Germany; Department of Anesthesiology, Krankenhausstr 12, 91054 Erlangen, Germany

AUTHOR EMAIL: beese@anaesthesiologie.med.uni-erlangen.de

CORRESP. AUTHOR/AFFIL: Beese U.: Department of Anesthesiology,  
Krankenhausstr 12, 91054 Erlangen, Germany  
CORRESP. AUTHOR EMAIL: beese@anaesthesiologie.med.uni-erlangen.de

Stroke ( Stroke ) (United States) October 1, 1998, 29/10 (2032-2037)  
CODEN: SJCCA ISSN: 0039-2499  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 39

...carotid artery, simultaneous recordings of SEP and rSO SUB 2 were  
obtained throughout the operation. **Results** - All 287 **patients**  
with preserved cortical SEP remained neurologically intact. Shunt placement  
was **performed** in 27 **patients** (9%) after flattening of cortical  
SEP during cross-clamping of the internal carotid artery. A...

MEDICAL DESCRIPTORS:

adult; aged; artery **clamp**; article; **clinical** trial; controlled  
study; **device**; female; **human**; internal carotid artery occlusion  
--surgery--su; major clinical study; male; oximetry; oxygen saturation;  
priority journal...

ORIG. DESCRIPTORS:

25/3,K/16 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0076958384 EMBASE No: 1997251542

Intracranial aneurysms treated with the Guglielmi detachable coil:

Midterm clinical results in a consecutive series of 100 patients

Malisch T.W.; Guglielmi G.; Vinuela F.; Duckwiler G.; Gobin Y.P.; Martin  
N.A.; Frazee J.G.

Div. Interventional Neuroradiology, Department of Neurosurgery, Univ. of  
California Sch. of Medicine, Los Angeles, CA, United States; Sect.

Interventional Neuroradiology, Northwestern Memorial Hospital, Olson  
Pavilion, 710 North Fairbanks, Chicago, IL 60611, United States

CORRESP. AUTHOR/AFFIL: Malisch T.W.: Div. Interventional Neuroradiology,  
Department of Neurosurgery, Univ. of California Sch. of Medicine, Los  
Angeles, CA, United States

Journal of Neurosurgery ( J. NEUROSURG. ) (United States) August 1, 1997  
, 87/2 (176-183)

CODEN: JONSA ISSN: 0022-3085

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 27

...5 years) was obtained for 94 patients and was classified according to  
a modified Glasgow **Outcome** Scale. Of nine **patients** treated in  
the acute phase of severe subarachnoid hemorrhage (Grade IV or v), seven  
died...

MEDICAL DESCRIPTORS:

adult; aged; aneurysm **clip**; article; **clinical** trial;  
**device**; female; **human**; major **clinical** study; male;  
priority journal; subarachnoid hemorrhage; treatment outcome

ORIG. DESCRIPTORS:

25/3,K/17 (Item 6 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0076362926 EMBASE No: 1996038540

Proximal ligation of large distal posterior inferior cerebellar artery  
aneurysm

Yamaguchi N.; Miyazaki H.; Ishiyama N.; Toya S.  
Department of Neurosurgery, Hiratsuka City Hospital, Hiratsuka, Kanagawa,  
Japan; Department of Neurosurgery, Shizuoka Red Cross Hospital, Shizuoka,  
Japan; Department of Neurosurgery, School of Medicine, Keio University,  
35 Shinano-machi, Shinjuku-ku, Tokyo 160, Japan  
CORRESP. AUTHOR/AFFIL: Yamaguchi N.: Department of Neurosurgery, School  
of Medicine, Keio University, 35 Shinano-machi, Shinjuku-ku, Tokyo 160,  
Japan

Neurologia Medico-Chirurgica ( NEUROL. MED.-CHIR. ) (Japan) January 1,  
1996, 36/1 (31-35)

CODEN: NMCHB ISSN: 0387-2572

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 20

MEDICAL DESCRIPTORS:

adult; aneurysm surgery; artery **clamp**; article; brain angiography;  
brain scintiscanning; case report; **clinical** feature; computer  
assisted tomography; **human**; male; nausea; treatment **outcome**;  
vertigo; vomiting

ORIG. DESCRIPTORS:

25/3,K/18 (Item 7 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0075244241 EMBASE No: 1993023783

Double blind clinical and laboratory study of hypoglycaemia with human  
and porcine insulin in diabetic patients reporting hypoglycaemia  
unawareness after transferring to human insulin

Maran A.; Lomas J.; Archibald H.; MacDonald I.A.; Gale E.A.M.; Amiel S.A.  
Unit for Metabolic Medicine, United Medical and Dental School, Guy's  
Hospital Campus, London SE1 9RT, United Kingdom

CORRESP. AUTHOR/AFFIL: Amiel S.A.: Unit for Metabolic Medicine, United  
Medical and Dental School, Guy's Hospital Campus, London SE1 9RT, United  
Kingdom

British Medical Journal ( BR. MED. J. ) (United Kingdom) December 1,  
1992, 306/6871 (167-171)

CODEN: BMJOA ISSN: 0959-8146

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

...Double blind randomised crossover study of clinical experience and  
physiological responses during slow fall hypoglycaemic **clamping** with  
porcine and **human** insulin. Setting - **Clinical** investigation  
**unit** of teaching hospital recruiting from diabetes clinics of five  
teaching hospitals and one district general...

...five years' duration who had reported altered hypoglycaemia awareness within three months of transferring to **human** insulin. Main **outcome** measures - Glycaemic control and frequency of hypoglycaemic episodes during two months' treatment with each insulin...

25/3,K/19 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

13727784 PMID: 10786073  
An end-to-end secure patient information access card system.  
Alkhateeb A; Singer H; Yakami M; Takahashi T  
Department of Medical Informatics, Kyoto University Hospital, Japan.  
arwa@kuhp.kyoto-u.ac.jp  
Methods of information in medicine (GERMANY) Mar 2000, 39 (1) p70-2,  
ISSN 0026-1270--Print Journal Code: 0210453  
Publishing Model Print  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

... the Internet and the increasing interest in Internet-based solutions has promoted the idea of **creating** Internet-based health **information** applications. This will force a change in the role of IC cards in healthcare card...

...information. The smart card is playing the crucial role of access key to the database: **user** authentication is **performed** internally without ever revealing the actual key. For easy acceptance by healthcare professionals, the user...

Descriptors: \* **Computer Security**; \* Internet; \* **Medical**  
Records Systems, Computerized

25/3,K/20 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

10660143 PMID: 8443479 Record Identifier: PMC1676615  
Double blind clinical and laboratory study of hypoglycaemia with human and porcine insulin in diabetic patients reporting hypoglycaemia unawareness after transferring to human insulin.  
Maran A; Lomas J; Archibald H; Macdonald I A; Gale E A; Amiel S A  
Unit for Metabolic Medicine, United Medical and Dental School, Guy's Hospital, London.  
BMJ (Clinical research ed.) (ENGLAND) Jan 16 1993, 306 (6871) p167-71, ISSN 0959-8138--Print Journal Code: 8900488  
Publishing Model Print; Comment in BMJ. 1993 Mar 13;306(6879) 719-20; Comment in PMID 8471947; Comment in BMJ. 1993 Mar 13;306(6879):720; Comment in PMID 8471948  
Document type: Clinical Trial; Journal Article; Randomized Controlled Trial; Research Support, Non-U.S. Gov't  
Languages: ENGLISH  
Main Citation Owner: NLM  
Other Citation Owner: NLM  
Record type: MEDLINE; Completed

... Double blind randomised crossover study of clinical experience and physiological responses during slow fall hypoglycaemic **clamping** with porcine and **human** insulin. SETTING--**Clinical** investigation **unit** of teaching hospital recruiting from diabetes clinics of five teaching hospitals and one district general...

... five years' duration who had reported altered hypoglycaemia awareness within three months of transferring to **human** insulin. MAIN **OUTCOME** MEASURES--Glycaemic control and frequency of hypoglycaemic episodes during two months' treatment with each insulin...

25/3,K/21 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2009 The Thomson Corp. All rts. reserv.

02181583 Genuine Article#: KH513 No. References: 39  
Title: DOUBLE-BLIND CLINICAL AND LABORATORY STUDY OF HYPOGLYCEMIA WITH HUMAN AND PORCINE INSULIN IN DIABETIC-PATIENTS REPORTING HYPOGLYCEMIA UNAWARENESS AFTER TRANSFERRING TO HUMAN INSULIN  
Author(s): MARAN A; LOMAS J; ARCHIBALD H; MACDONALD IA; GALE EAM; AMIEL SA  
Corporate Source: UNITED MED & DENT SCH GUYS & ST THOMAS HOSP,METAB MED UNIT,GUYS HOSP CAMPUS/LONDON SE1 9RT//ENGLAND/; UNITED MED & DENT SCH GUYS & ST THOMAS HOSP,METAB MED UNIT,GUYS HOSP CAMPUS/LONDON SE1 9RT//ENGLAND/; ST BARTHOLOMEWS HOSP,COLL MED,DEPT DIABET & METAB/LONDON EC1A 7BE//ENGLAND/; UNIV NOTTINGHAM,QUEENS MED CTR,DEPT PHYSIOL & PHARMACOL/NOTTINGHAM NG7 2RD//ENGLAND/  
Journal: BRITISH MEDICAL JOURNAL, 1993, V306, N6871 (JAN 16), P167-171  
ISSN: 0959-8138  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: Double blind randomised crossover study of clinical experience and physiological responses during slow fall hypoglycaemic **clamping** with porcine and **human** insulin.

Setting-**Clinical** investigation **unit** of teaching hospital recruiting from diabetes clinics of five teaching hospitals and one district general...

...five years' duration who had reported altered hypoglycaemia awareness within three months of transferring to **human** insulin.

Main **outcome** measures-Glycaemic control and frequency of hypoglycaemic episodes during two months' treatment with each insulin  
...

25/3,K/22 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
(c) 2009 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1847590 NTIS Accession Number: N95-14051/3  
Role of Exchange of Power and Information Signals in Control and Stability of the Human-Robot Interaction  
(Abstract Only)  
Kazerooni, H.  
Minnesota Univ., Minneapolis.  
Corp. Source Codes: 012002000; M2765962  
Sponsor: National Aeronautics and Space Administration, Washington, DC.



Jun 91 2p  
Languages: English  
Journal Announcement: GRAI9504; STAR3303  
In NASA. Ames Research Center, Human Machine Interfaces for Teleoperators  
and Virtual Environments p 127-128.  
NTIS Prices: (Order as N95-14013/3, PC A08/MF A02)

A **human's** ability to **perform** physical tasks is limited, not  
only by his intelligence, but by his physical strength. If...

... built and controlled for the optimal exchange of power and information  
signals with humans. The **human wearing** the extender is in  
**physical** contact with the **machine**, so power transfer is  
unavoidable and information signals from the human help to control the...

... extender occurs because the human is pushing against the extender. The  
extender transfers to the **human's** hand, in **feedback** fashion, a  
scaled-down version of the actual external load which the extender is  
manipulating. This natural **feedback** force on the **human's** hand  
allows him to 'feel' a modified version of the external forces on the...

**From:** Obiniyi, Paul (ASRC)  
**Sent:** Monday, August 31, 2009 10:33 AM  
**To:** Pass, Natalie (AU3686)  
**Subject:** Search Request 09/595,660

Hi Natalie,

The publications below are also included in the completed search result sent to you. They are references that I think might be interest uncovered during the search process.

Thanks

Paul

18/3,K/12 (Item 4 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00269555  
BLOOD PRESSURE MONITORING SYSTEM  
DISPOSITIF DE CONTROLE DE PRESSION SANGUINE  
Patent Applicant/Assignee:  
BIOSYSS CORPORATION,  
Inventor(s):  
BARNES Jeffrey T,  
MOORE J Erik,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9417728 A1 19940818  
Application: WO 94US1505 19940214 (PCT/WO US9401505)  
Priority Application: US 9316435 19930211  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 6715

Fulltext Availability:  
Detailed Description  
Claims

Claim

... blood pressure monitoring system comprising:  
a apparatus for generating a digital blood  
pressure waveform signal **indicative** of  
instantaneous **blood** pressure;  
b) **computer** means for **extracting**  
**blood** pressure  
**parameters** and physiological measurements from  
said digital signal and measuring the height of  
the waveform, signal...

19/3,K/5 (Item 1 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rights reserved.

12999243 SUPPLIER NUMBER: 68743424 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Glucose monitor begins clinical trials.(Brief Article)  
Medical Laboratory Observer, 32, 12, 11  
Dec, 2000

DOCUMENT TYPE: Brief Article    ISSN: 0580-7247    LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 77    LINE COUNT: 00009

TEXT:

...evaluated within a system of care that includes home use of the Diasensor and regular **evaluation** of a **patient's blood** glucose. The **device** automatically transmits glucose readings to a **secure** Web site where they can be viewed by patients' healthcare providers.

19/3,K/1    (Item 1 from file: 15)  
DIALOG(R) File 15: ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rights reserved.

01638893 02-89882  
Real time from the top of the world  
Slezak, Dick  
Telephony v234n21 PP: 34-38 May 25, 1998  
ISSN: 0040-2656 JRNL CODE: TPH  
WORD COUNT: 1147

...TEXT: and analyzed. The information provides real-time medical consultation and will help everyone better understand **human performance** in extreme environments.

During the ascent, the **medical devices** the climbers are **wearing** transmit position and medical information to base camp. The information then is transmitted as data...

18/3,K/13    (Item 5 from file: 349)  
DIALOG(R) File 349: PCT FULLTEXT  
(c) 2009 WIPO/Thomson. All rights reserved.

00114364    \*\* Image available\*\*  
BLOOD FRACTIONATION APPARATUS  
APPAREIL DE FRACTIONNEMENT DU SANG  
Patent Applicant/Assignee:  
BAXTER TRAVENOL LABORATORIES INC,  
Inventor(s):  
BILSTAD Arnold C,  
FOLEY John T,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 8302059 A1 19830623  
Application: WO 82US1641 19821119 (PCT/WO US8201641)  
Priority Application: US 81899 19811215; US 81900 19811215; US 81901 19811215  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AU BE BR CH DE DK FR GB JP SE  
Publication Language: English  
Fulltext Word Count: 19004

Fulltext Availability:  
Detailed Description  
Claims

Claim

... defined in claim 17 wherein said comparison means include a binary adder, and said volume **indicator** means include a display counter for **receiving data** from said **adder**.  
19e A **blood** fractionation **apparatus** as defined in claim 18 wherein said comparison means include parallel-to-serial signal conversion...

t/ 3,k/ all

18/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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02022136 53604934  
100 top hospitals: Conversations with four captains of industry  
Anonymous  
Health Management Technology v21n5 PP: 46-50 May 2000  
ISSN: 1074-4770 JRNL CODE: CIH  
WORD COUNT: 1654

...TEXT: delivery of care through the use of computerized protocols and best practices; monitoring adverse drug **alerts**, events, and outcomes through **computer alerts**, and **getting clinical information** to clinicians through bedside terminals and at physicians' offices. Also, having a clinical data repository...

18/3,K/10 (Item 2 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00565087 \*\*Image available\*\*  
HEALTH MONITORING AND DIAGNOSTIC DEVICE AND NETWORK-BASED HEALTH ASSESSMENT AND MEDICAL RECORDS MAINTENANCE SYSTEM  
DISPOSITIF DE CONTROLE DE L'ETAT DE SANTE ET DE DIAGNOSTIC ET SYSTEME D'EVALUATION DE L'ETAT DE SANTE ET D'ACTUALISATION DE DOSSIERS MEDICAUX CONSTRUIT EN RESEAU

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200028460 A2 20000518 (WO 0028460)  
Application: WO 99US26521 19991108 (PCT/WO US9926521)  
Priority Application: US 98107704 19981109; US 99144705 19990720

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7478

Fulltext Availability:

Detailed Description

Detailed Description

... relates to health monitoring and diagnostic devices and, more particularly, relates to a hand-held **device** operable for determining **blood** hpid levels from test-strip analyses, **obtaining additional** diagnostic **information** from a **user**, displaying corresponding diagnostic **results**, and storing this data on a secure patient-held data carrier, such as a smartcard...

18/3,K/12 (Item 4 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00269555

BLOOD PRESSURE MONITORING SYSTEM

DISPOSITIF DE CONTROLE DE PRESSION SANGUINE

Patent Applicant/Assignee:

BIOSYSS CORPORATION,

Inventor(s):

BARNES Jeffrey T,

MOORE J Erik,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9417728 A1 19940818

Application: WO 94US1505 19940214 (PCT/WO US9401505)

Priority Application: US 9316435 19930211

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 6715

Fulltext Availability:

Detailed Description

Claims

Claim

... blood pressure monitoring system comprising:

a apparatus for generating a digital blood pressure waveform signal **indicative** of instantaneous **blood** pressure;

b) **computer** means for **extracting**

**blood** pressure

**parameters** and physiological measurements from

said digital signal and measuring the height of

the waveform, signal...

23/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007319406 - Drawing available

WPI ACC NO: 1995-382058/199549

XRPX Acc No: N1995-279819

Medical communication system for remote observation - has wire communication circuit of diagnosing and informing device comprising modem connected to single telephone line which is also used to send instruction signals to medical worker

Patent Assignee: COLIN CORP (COLI-N)

Inventor: HARADA C; OKA T; SUZUKI H

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 5462051	A	19951031	US 1994298200	A	19940831	199549 B

Priority Applications (no., kind, date): US 1994298200 A 19940831

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5462051	A	EN	22	10		

Alerting Abstract ...A sensor worn on a living body **obtain** physical **information**, e.g. blood pressure, sugar content or oxygen saturation, ECG or body temp. of the...

...representing the physical information. a first device disposed on a side of the living body, **receiving** The physical **information** signal is **received** from the sensor and may be transmitted via a communication channel. A receiver is connected...

...via the communication channel, the physical information signal from the first transmitter. An output device **produces** the physical **information** represented by the physical information signal so that the medical worker **receives** the physical **information**. An input device **receiving** the instruction of the medical worker generates the instruction signal representing the input instruction for...

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...medical communication system including (A) a sensor worn on a living body to obtain physical **information** of the body, **and generating** a signal representing **the physical information** ; (B) a first device disposed on a side of the living body, receiving the physical **information signal** from (A) **the** sensor, and including (b1) a first transmitter which transmits the physical information signal via a...

...medical worker directed to the living body and/or an attendant person, and (b3) an **output** device which **outputs the** instruction of the medical worker so that the living body and/or attendant person receives...

...of the medical worker, and including (c1) a second receiver which receives, via the communication **channel**, the physical **information** signal from (b1) the first transmitter, (c2) an output device which outputs the physical information represented by the physical information signal so that **the** medical worker **receives** the physical **information**, (c3) an input **device** which is operable for inputting the instruction of the medical worker and generates the instruction...

Claims:

...for transmitting physical information of a living body to a medical worker, comprising: (A) a **physical** information **sensor device** including (a1) a **physical** information **sensor** which is adapted to be **worn** on **said** living **body** to

**obtain** said **physical** information of **the** living body, and generates a **physical information** signal **representing** the **obtained** physical **information**, and (a2) a first signal transmitter which transmits said physical information signal at a first output power...

...side of said living body, and includes (b1) a first signal receiver which receives said **physical information** signal **from** (a2) said first signal transmitter of (A) said physical information sensor **device**, and which **receives** an instruction signal representing an instruction of said medical worker directed to at least one...

...for the living body, (b2) abnormality identifying means for identifying whether said physical information represented **by** said physical **information** signal **received** by (b1) said first signal receiver is abnormal, (b3) a second signal transmitter which transmits, at a...

...from (B') said monitor unit, and includes (b5) a second signal receiver which receives said **physical information** signal **from** (b3) said second signal transmitter, (b6) diagnosing means for diagnosing whether said physical information represented **by** said physical **information** signal **received** by (b5) said second signal receiver is abnormal, (b7) a wire communication circuit including (b7-1) a ...

...signal receiver, said instruction signal and a diagnosis signal representing that said physical information represented **by** said physical **information** signal **received** by (b5) said second signal receiver has been diagnosed as being abnormal by (b6) said diagnosing means...

...output device which outputs said physical information of said living body represented by said physical **information** signal **received** by (c1) said fourth signal receiver, so that said medical worker receives the **physical information**, (c3) an instruction input device which is operable for inputting said instruction of said medical worker and...

25/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0010356790  
WPI ACC NO: 2000-672427/200065  
XRPX Acc No: N2000-498551  
Determining physical **performance** of **person** involves measuring heart rate and speed while slowly approaching anaerobic threshold, exceeding it in controlled manner  
Patent Assignee: SIERZEGA R (SIER-I)  
Inventor: SIERZEGA R  
Patent Family (2 patents, 21 countries)  
Patent                      Application  
Number              Kind      Date      Number              Kind      Date      Update  
WO 2000040151      A1      20000713      WO 1999AT315      A      19991230      200065      B  
EP 1059876              A1      20001220      EP 1999964337      A      19991230      200105      E  
                                    WO 1999AT315      A      19991230

Priority Applications (number, kind, date): AT 19982193      A      19981230

Patent Details  
Number              Kind      Lan      Pg      Dwg      Filing      Notes  
WO 2000040151      A1      DE      15      1  
National Designated States,Original: CA US  
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE  
EP 1059876              A1      DE                      PCT Application      WO 1999AT315  
                                    Based on OPI patent      WO 2000040151

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE  
IT LI LU MC NL PT SE

Determining physical **performance** of **person** involves measuring heart rate and speed while slowly approaching anaerobic threshold, exceeding it in controlled...

Original Titles:  
...DETERMINING THE PHYSICAL **PERFORMANCE** OF A **PERSON**  
...

...DETERMINING THE PHYSICAL **PERFORMANCE** OF A **PERSON**

Alerting Abstract ...The method involves continuously measuring heart rate and speed of motion using a mobile device **worn** on the **body**. The **device** has an integrated **heart rate** measurement **unit** and a radar unit for determining the speed of motion of the person by slowly...  
DESCRIPTION - An INDEPENDENT CLAIM is also included for an arrangement for determining the physical **performance** of a **person**.  
...

...USE - For determining the current physical **performance** of a **person** during training

Original Publication Data by Authority

Argentina

Assignee name & address:  
Original Abstracts:  
...heart rate determined in this way and the speed of the person a quantity expressing **the physical performance** of said **person** **is** calculated. The **speed** is detected by a radar device (1) carried by the person by **evaluation** of a Doppler **signal** and together with the heart rate data is analyzed further in a computing unit (3...

...determining the physical performance of persons at a given moment. According to the invention the **person's heart** rate is determined continuously and from the heart rate determined in this way and the speed of the person a quantity expressing the physical **performance** of said **person** is calculated. The speed is detected by a radar device (1) carried by **the person** by **evaluation** of a Doppler signal and together with the heart rate data **is** analyzed **further** in a computing unit (3). The measurements can be carried out anywhere so that the...

Claims:  
25/3,K/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0006908324 - Drawing available  
WPI ACC NO: 1994-303249/199437  
XRPX Acc No: N1994-238271  
Medical alert distribution system - filters information from in-bound information source, which is manipulated in host computer in accordance with selection and limit parameters from remote subscriber device  
Patent Assignee: METRIPLEX INC (METR-N)  
Inventor: MILLER J M; MILLER M J; STUTMAN P S  
Patent Family (3 patents, 23 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
WO 1994020916 A1 19940915 WO 19941B52 A 19940309 199437 B  
AU 199462187 A 19940926 AU 199462187 A 19940309 199503 E  
US 5576952 A 19961119 US 199328333 A 19930309 199701 E



Priority Applications (no., kind, date): US 199328333 A 19930309

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 1994020916	A1	EN	46			
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National Designated States,Original: AU BR CA CN JP KR

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE

AU 199462187 A EN Based on OPI patent WO 1994020916

US 5576952 A EN 23 13

Alerting Abstract ...The medical alert distribution system selectively filters **information received** from an inbound **information** source. Software modules resident in a "limit" software subsystem of a memory (16) of a...

#### Original Publication Data by Authority

Argentina

#### Assignee name & address:

##### Original Abstracts:

The present invention relates to a medical alert distribution system which receives medical **information** (e.g. blood **pressure**, blood chemistry test results, **etc.**) from monitoring **units worn** by ambulatory **patients**. The system also receives medical selection and **limit parameters** from remote system subscriber units (e.g., a unit accessed by a doctor). The system repeatedly compares the medical **information received form** the **ambulatory patients to** determine if a selected parameter, as indicated by an asserted in-alert flag, has exceeded the limit **parameters received form the remote subscriber units**. If exceeded, the system sends a message (e.g., via a wireless paging message) to...

...A medical alert distribution system selectively filters **information received** from an inbound **information** source. Software modules **resident in** a "limit" software **subsystem** of a memory of a host computer of the system are organized to interface with...

##### Claims:

...flag associated with said information record is asserted;</br> means, coupled to said comparing means, for **creating a** selectively filtered message in response to said matched condition, said selectively filtered message including said current value of the **information** record; and</br> (C) means for distributing said selectively filtered message to the authorized user.

15/3,K/18 (Item 2 from file: 73)

DIALOG(R)File 73: EMBASE

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0072150490 EMBASE No: 1982141083

Use of a physiologic pharmacokinetic model of glucose homeostasis for assessment of performance requirements for improved insulin therapies  
Sorensen J.T.; Colton K.; Hillman R.S.; Soeldner J.S.

MIT, Cambridge, MA 02139, United States:

CORRESP. AUTHOR/AFFIL: MIT, Cambridge, MA 02139, United States

Diabetes Care ( DIABETES CARE ) (United States) August 2, 1982, 5/3  
(148-157)

CODEN: DICAD ISSN: 0149-5992

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English

...and diabetic individuals to standard intravenous and oral glucose tolerance tests are compared to clinical data.

Reasonable agreement is obtained between predictions of the computer simulations and clinical data for normal individuals.

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